



Formosa Plastics®

Formosa Plastics Corporation, Texas  
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Telephone: 361-987-7000

April 30, 2019

Certified Mail: 7018 2290 0000 0529 6081

Air Section Manager, Region 14  
Texas Commission on Environmental Quality  
6300 Ocean Drive, Suite 1200  
Corpus Christi, Texas 78412

RE: Formosa Plastics Corporation, Texas  
TCEQ Air Quality Account No. CB-0038-Q  
North FTIR Quarterly Report (January 2019 through March 2019)

Dear Air Section Manager:

Please find attached the North FTIR quarterly report. The North FTIR and associated equipment were installed as a Supplemental Environmental Project as required by TCEQ Docket No. 2000-1144-AIR-E. This report includes FTIR data from January 1, 2019 through March 31, 2019. This report is designed to be similar to the Point Comfort FTIR Quarterly Report in order to maintain reporting consistency. The North FTIR site was not operational during the beginning of this quarter. The entire system was replaced with a new FTIR system on February 20, 2019 by Spectrum Environmental Solutions (SES).

During the first quarter of 2019, the north FTIR site had no confirmed exceedances of the trigger level based on [block] 30-minute averages or [running] 30-minute averages occurred.

Should you have any questions please contact Vanessa Peppers by e-mail at [VanessaP@ftpc.fpcusa.com](mailto:VanessaP@ftpc.fpcusa.com).

Sincerely,

Rick Crabtree  
Vice President/General Manager  
Formosa Plastics Corporation, Texas

**Formosa Plastics Corporation, Texas**  
**Summary of North FTIR Downtime**  
**1st Quarter 2019**

<b>Date(s)</b>	<b>Cause(s)</b>	<b>Corrective Action(s)</b>
1/9/2019-1/10/2019 1/31/2019-2/1/2019 2/12/2019-2/14/2019	Data loss due to FTIR system failure.	Data collection resumed when system recovered and restarted.

**Formosa Plastics Corporation, Texas**  
**1st Quarter 2019 North FTIR Report - Summary of Validated Exceedances of the 30-Minute Trigger Levels**  
**Validated Exceedances of the 30-Minute Block Averaged Trigger Levels\*\***

Month/Year	Date*	Time	Chemical	Concentrations (ppb)	Trigger Limit (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			There were no validated exceedances in the first quarter of 2019.				

Please Note: Polar plots generated by FPC-TXs' FTIR System are attached for those days when the FTIR System detected an exceedance.

\* Indicates polar plot is available.

\*\* The FTIR quarterly report format was agreed upon between TNRCC and FPC-TX upon initiation of the monitoring program. The quarterly report shows *block* averages for each 30-minute period throughout the day. The FTIR collects 5-minute data and creates *rolling* 30-minute averages. The table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" lists the exceedances of the 30-minute average trigger levels based on a *rolling* 30-minute average time period. The validated exceedances of the rolling 30-minute averages for the compounds listed in the table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" is being included in the summary table above, as required by paragraph 5, Section c of the January 10, 1996 letter from the TNRCC.

Formosa Plastics Corporation, Texas

1st Quarter 2019 North FTIR Report - Summary of Validated Exceedances of the 30-Minute Trigger Levels

Validated Exceedances of the 30-Minute Running Averaged Trigger Levels \*\*

Month/Year	Date	Time	Chemical	Concentrations	Trigger Limit	Wind Speed	Wind Direction
			There were no validated exceedances in the first quarter of 2019.				

Please Note: Polar plots generated by FPC-TX's FTIR System are attached for those days when the FTIR System detected an exceedance.

\* Indicates polar plot is available.

\*\* The FTIR quarterly report format was agreed upon between TNRCC and FPC-TX upon initiation of the monitoring program. The quarterly report shows *block* averages for each 30-minute period throughout the day. The FTIR collects 5-minute data and creates *rolling* 30-minute averages. The table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" lists the exceedances of the 30-minute average trigger levels based on a *rolling* 30-minute average time period. The validated exceedances of the rolling 30-minute averages for the compounds listed in the table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" is being included in the summary table above, as required by paragraph 5, Section c of the January 10, 1996 letter from the TNRCC.

**Formosa Plastics Corporation, Texas**  
**Emergency Activation Release System (EARS) - SUMMA Canister Results**  
**1st Quarter 2019**

Date	SUMMA Canister Station	Chemical	Concentrations (ppb)	Detection Limits (ppb)
		Vinyl Chloride	There were no EARS events during the first quarter of 2019.	
		Ethylene Dichloride		
		Benzene		
		1, 3 Butadiene		
		Ethylene		



To: Stephanie Schmidt-Mayfield  
Formosa Plastics  
Point Comfort, Texas

From: Bryan Benaway (512) 934-1752

Date: April 26, 2019

Subject: Formosa Point Comfort (FPC) Ambient Air Monitoring Station (AAMS) Gas Challenge Results for January - March 2019

Gas challenges are performed weekly against the OP-FTIR instrument with gases containing the target compounds listed in Table 1. The number of gas challenges performed was limited by instrument and gas standard availability. Because of its corrosive nature, hydrogen chloride (HCl) was purchased in a separate cylinder and was injected in the calibration cell separate from the rest of the target compounds. The remaining target species, all being volatile organic compounds (VOCs), are contained within a single gas cylinder located at each site. Table 1 lists the challenge compounds and their expected spike concentrations. The expected spike concentrations are arrived at by multiplying the certified cylinder concentrations by the ratio of the calibration cell path length to the open path length (0.15m/270m at FNorth). This is would be the molecular density (concentration by volume) if the molecules in the cell were instead evenly distributed across the entire beam path.

**Table 1. Formosa North OP-FTIR Gas Challenge Mixtures**

Compound	Compound FTIR Code	Expected Spike Level (ppm) (1/1/2019-1/28/2019)	Expected Spike Level (ppm) (2/1/2019-4/1/2019)
1,3 Butadiene	BUT	0.048	0.048
Benzene	C6H6	0.117	0.117
Ethylene	C2H4	0.046	0.046
Ethylene Oxide	ETO	0.093	0.093
Vinyl Chloride	VCl	0.048	0.048
1,2 Dichloroethane	DCA	0.093	0.093
Hydrogen Chloride	HCl	0.027	0.023

All of the gas challenges performed for the quarter resulted in acceptable recoveries with the following exceptions:

- ETO recovered low on 1/14/2019
- ETO recovered low on 1/23/2019
- C6H6, DCA, and BUT recovered low on 2/1/2019
- C6H6 recovered high on 2/11/2019



**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
January 2019**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			NONE			

**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
January 2019**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
			NONE			

# Open Path FTIR Daily (24-hour) Averages

Site: Formosa North AAMS

Timestamp	Capture (%)	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
1/1/2019	44	8581	290	2.24	BDL	0.00002	BDL	BDL	BDL	BDL	BDL	6.2	20
1/2/2019	100	8789	309	2.20	BDL	BDL	BDL	0.00008	BDL	BDL	BDL	6.2	25
1/3/2019	100	8205	309	2.37	0.00038	BDL	BDL	BDL	BDL	BDL	BDL	7.9	335
1/4/2019	100	7629	349	2.45	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.7	286
1/5/2019	100	9496	332	2.49	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.6	174
1/6/2019	92	15164	326	2.05	0.00019	BDL	0.03197	BDL	BDL	0.00007	BDL	9.5	146
1/7/2019	100	17620	354	2.05	BDL	0.00002	BDL	BDL	BDL	BDL	0.00023	11.6	168
1/8/2019	100	17541	349	2.24	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.0	162
1/9/2019	19	12683	346	2.29	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.9	22
1/10/2019	33	9616	338	2.29	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.2	95
1/11/2019	100	12270	319	2.10	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.2	113
1/12/2019	98	11372	303	2.01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.9	327
1/13/2019	100	7117	342	2.25	BDL	BDL	BDL	0.00007	BDL	BDL	BDL	7.9	18
1/14/2019	100	6795	339	2.25	BDL	BDL	BDL	0.00023	BDL	BDL	BDL	6.2	29
1/15/2019	100	8585	294	2.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.2	60
1/16/2019	90	7439	99	1.11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.3	114
1/17/2019	100	13482	300	2.16	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.8	259
1/18/2019	85	16860	308	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.5	166
1/19/2019	96	8930	350	2.18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	15.0	322
1/20/2019	77	4995	342	2.33	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.2	9
1/21/2019	100	10384	345	2.24	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.2	135
1/22/2019	100	15941	343	2.06	BDL	0.00002	0.00021	BDL	BDL	BDL	BDL	14.3	163
1/23/2019	100	6005	318	2.21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	11.8	333
1/24/2019	100	6048	322	2.24	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.3	107
1/25/2019	100	8224	316	2.23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.1	104
1/26/2019	100	10517	313	2.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.6	84
1/27/2019	100	10750	300	2.09	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4	257
1/28/2019	100	12394	325	2.11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	193
1/29/2019	100	4483	342	2.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.7	23
1/30/2019	100	6712	347	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.3	67
1/31/2019	67	10082	255	1.71	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.7	88

## Daily Processed Summary (Average, Maximum)

Average	90	10152	317	2.15	0.00002	0.00000	0.00104	0.00001	BDL	0.00000	0.00001	2.3	75
Maximum Value	100	17620	354	2.49	0.00038	0.00002	0.03197	0.00023	BDL	0.00007	0.00023		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/01/19 12:30 AM	9924	324	2.60	ND	ND	ND	ND	ND	ND	ND	2.2	236
01/01/19 01:00 AM	7453	187	2.56	ND	ND	ND	ND	ND	ND	ND	3.0	293
01/01/19 01:30 AM	8633	278	2.96	ND	ND	ND	ND	ND	ND	ND	3.7	69
01/01/19 02:00 AM	7180	199	2.60	ND	ND	ND	ND	ND	ND	ND	3.5	18
01/01/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.5	3
01/01/19 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	33
01/01/19 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.3	49
01/01/19 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	38
01/01/19 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.5	36
01/01/19 05:00 AM	3290	64	0.96	ND	ND	ND	ND	ND	ND	ND	5.4	25
01/01/19 05:30 AM	3357	74	1.21	ND	ND	ND	ND	ND	ND	ND	3.2	35
01/01/19 06:00 AM	3146	73	1.04	ND	ND	ND	ND	ND	ND	ND	4.0	46
01/01/19 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	24
01/01/19 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	17
01/01/19 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	29
01/01/19 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	13
01/01/19 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.4	11
01/01/19 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	17
01/01/19 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	11
01/01/19 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	16
01/01/19 10:30 AM	10092	369	2.43	ND	ND	ND	ND	ND	ND	ND	12.7	27
01/01/19 11:00 AM	10214	371	2.44	ND	ND	ND	ND	ND	ND	ND	12.6	16
01/01/19 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	14
01/01/19 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.0	23
01/01/19 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.9	17
01/01/19 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.2	20
01/01/19 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	17
01/01/19 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.1	23
01/01/19 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.6	22
01/01/19 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.7	23
01/01/19 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.3	23
01/01/19 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.7	17
01/01/19 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.0	124
01/01/19 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.9	64
01/01/19 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.9	180
01/01/19 06:00 PM	10486	348	2.42	ND	ND	ND	ND	ND	ND	ND	10.1	354
01/01/19 06:30 PM	10355	348	2.40	ND	ND	ND	ND	ND	ND	ND	10.5	5
01/01/19 07:00 PM	10200	347	2.38	ND	ND	ND	ND	ND	ND	ND	12.1	176
01/01/19 07:30 PM	10005	347	2.36	ND	ND	ND	ND	ND	ND	ND	12.6	347
01/01/19 08:00 PM	9763	346	2.35	ND	ND	ND	ND	ND	ND	ND	13.1	351
01/01/19 08:30 PM	9652	346	2.35	ND	ND	ND	ND	ND	ND	ND	13.4	180
01/01/19 09:00 PM	9614	346	2.34	ND	0.00083	ND	ND	ND	ND	ND	9.7	182
01/01/19 09:30 PM	9746	346	2.33	ND	ND	ND	ND	ND	ND	ND	8.8	70
01/01/19 10:00 PM	9606	346	2.33	ND	ND	ND	ND	ND	ND	ND	11.1	231
01/01/19 10:30 PM	9335	344	2.31	ND	ND	ND	ND	ND	ND	ND	12.4	292
01/01/19 11:00 PM	9109	344	2.33	ND	ND	ND	ND	ND	ND	ND	13.5	12
01/01/19 11:30 PM	9045	344	2.34	ND	ND	ND	ND	ND	ND	ND	14.2	13

## Daily Processed Summary (Average, Maximum)

Average	8581	290	2.24	BDL	0.00002	BDL	BDL	BDL	BDL	BDL	6.2	20
Maximum Value	10486	371	2.96	BDL	0.00083	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/02/19 12:30 AM	9069	345	2.32	ND	ND	ND	ND	ND	ND	ND	12.7	9
01/02/19 01:00 AM	9151	345	2.32	ND	ND	ND	ND	ND	ND	ND	12.3	65
01/02/19 01:30 AM	9242	345	2.33	ND	ND	ND	ND	ND	ND	ND	9.9	3
01/02/19 02:00 AM	9123	345	2.33	ND	ND	ND	ND	ND	ND	ND	12.2	122
01/02/19 02:30 AM	9265	342	2.33	ND	ND	ND	ND	ND	ND	ND	12.1	120
01/02/19 03:00 AM	9339	343	2.33	ND	ND	ND	ND	ND	ND	ND	11.2	8
01/02/19 03:30 AM	9227	343	2.32	ND	ND	ND	ND	ND	ND	ND	11.8	14
01/02/19 04:00 AM	9131	343	2.32	ND	ND	ND	ND	ND	ND	ND	14.3	6
01/02/19 04:30 AM	8981	343	2.32	ND	ND	ND	ND	ND	ND	ND	13.6	123
01/02/19 05:00 AM	8872	344	2.33	ND	ND	ND	ND	ND	ND	ND	14.1	124
01/02/19 05:30 AM	8865	345	2.31	ND	ND	ND	ND	ND	ND	ND	13.5	181
01/02/19 06:00 AM	8857	344	2.31	ND	ND	ND	0.00364	ND	ND	ND	12.6	8
01/02/19 06:30 AM	8809	338	2.29	ND	ND	ND	ND	ND	ND	ND	13.1	9
01/02/19 07:00 AM	8824	333	2.28	ND	ND	ND	ND	ND	ND	ND	13.6	4
01/02/19 07:30 AM	8735	327	2.26	ND	ND	ND	ND	ND	ND	ND	12.7	239
01/02/19 08:00 AM	8620	305	2.22	ND	ND	ND	ND	ND	ND	ND	12.6	241
01/02/19 08:30 AM	8416	289	2.17	ND	ND	ND	ND	ND	ND	ND	14.1	14
01/02/19 09:00 AM	8089	256	2.08	ND	ND	ND	ND	ND	ND	ND	13.5	9
01/02/19 09:30 AM	8186	268	2.11	ND	ND	ND	ND	ND	ND	ND	13.4	4
01/02/19 10:00 AM	8469	273	2.12	ND	ND	ND	ND	ND	ND	ND	12.0	122
01/02/19 10:30 AM	8852	302	2.20	ND	ND	ND	ND	ND	ND	ND	11.9	180
01/02/19 11:00 AM	9143	316	2.21	ND	ND	ND	ND	ND	ND	ND	12.4	10
01/02/19 11:30 AM	9362	324	2.24	ND	ND	ND	ND	ND	ND	ND	12.5	12
01/02/19 12:00 PM	9705	328	2.27	ND	ND	ND	ND	ND	ND	ND	12.9	5
01/02/19 12:30 PM	9745	330	2.27	ND	ND	ND	ND	ND	ND	ND	12.5	237
01/02/19 01:00 PM	9785	331	2.27	ND	ND	ND	ND	ND	ND	ND	12.6	352
01/02/19 01:30 PM	9773	331	2.28	ND	ND	ND	ND	ND	ND	ND	14.3	65
01/02/19 02:00 PM	10020	333	2.28	ND	ND	ND	ND	ND	ND	ND	14.4	11
01/02/19 02:30 PM	10002	334	2.29	ND	ND	ND	ND	ND	ND	ND	13.6	239
01/02/19 03:00 PM	9760	334	2.29	ND	ND	ND	ND	ND	ND	ND	14.6	120
01/02/19 03:30 PM	9702	335	2.28	ND	ND	ND	ND	ND	ND	ND	14.5	240
01/02/19 04:00 PM	9635	333	2.29	ND	ND	ND	ND	ND	ND	ND	13.8	348
01/02/19 04:30 PM	9451	332	2.30	ND	ND	ND	ND	ND	ND	ND	14.4	295
01/02/19 05:00 PM	9370	325	2.28	ND	ND	ND	ND	ND	ND	ND	14.5	344
01/02/19 05:30 PM	8639	319	2.25	ND	ND	ND	ND	ND	ND	ND	15.1	347
01/02/19 06:00 PM	8226	332	2.28	ND	ND	ND	ND	ND	ND	ND	14.4	349
01/02/19 06:30 PM	7896	333	2.30	ND	ND	ND	ND	ND	ND	ND	15.8	350
01/02/19 07:00 PM	7704	333	2.33	ND	ND	ND	ND	ND	ND	ND	13.0	356
01/02/19 07:30 PM	7898	333	2.32	ND	ND	ND	ND	ND	ND	ND	14.2	65
01/02/19 08:00 PM	7985	337	2.30	ND	ND	ND	ND	ND	ND	ND	15.7	10
01/02/19 08:30 PM	8224	336	2.30	ND	ND	ND	ND	ND	ND	ND	13.0	4
01/02/19 09:00 PM	8542	333	2.31	ND	ND	ND	ND	ND	ND	ND	11.6	22
01/02/19 09:30 PM	8564	301	2.22	ND	ND	ND	ND	ND	ND	ND	9.8	30
01/02/19 10:00 PM	8049	228	2.00	ND	ND	ND	ND	ND	ND	ND	9.7	54
01/02/19 10:30 PM	6038	119	1.42	ND	ND	ND	ND	ND	ND	ND	11.6	74
01/02/19 11:00 PM	5370	91	1.18	ND	ND	ND	ND	ND	ND	ND	19.0	103
01/02/19 11:30 PM	7206	128	1.43	ND	ND	ND	ND	ND	ND	ND	17.3	73
01/03/19 12:00 AM	9974	211	1.82	ND	ND	ND	ND	ND	ND	ND	14.5	83

## Daily Processed Summary (Average, Maximum)

Average	8789	309	2.20	BDL	BDL	BDL	0.00008	BDL	BDL	BDL	6.2	25
Maximum Value	10020	345	2.33	BDL	BDL	BDL	0.00364	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/03/19 12:30 AM	11083	246	1.93	ND	ND	ND	ND	ND	ND	ND	9.9	73
01/03/19 01:00 AM	11393	259	1.94	ND	ND	ND	ND	ND	ND	ND	8.6	71
01/03/19 01:30 AM	10382	202	1.76	ND	ND	ND	ND	ND	ND	ND	6.0	93
01/03/19 02:00 AM	10011	188	1.73	ND	ND	ND	ND	ND	ND	ND	4.7	329
01/03/19 02:30 AM	9941	187	1.70	ND	ND	ND	ND	ND	ND	ND	5.5	306
01/03/19 03:00 AM	8869	165	1.77	ND	ND	ND	ND	ND	ND	ND	10.9	313
01/03/19 03:30 AM	7711	236	2.10	ND	ND	ND	ND	ND	ND	ND	15.2	327
01/03/19 04:00 AM	7666	266	2.15	ND	ND	ND	ND	ND	ND	ND	12.4	340
01/03/19 04:30 AM	7531	275	2.21	ND	ND	ND	ND	ND	ND	ND	13.0	339
01/03/19 05:00 AM	7478	273	2.21	ND	ND	ND	ND	ND	ND	ND	12.7	342
01/03/19 05:30 AM	7492	280	2.24	ND	ND	ND	ND	ND	ND	ND	13.6	334
01/03/19 06:00 AM	7393	271	2.21	ND	ND	ND	ND	ND	ND	ND	14.8	331
01/03/19 06:30 AM	7249	260	2.18	ND	ND	ND	ND	ND	ND	ND	16.2	326
01/03/19 07:00 AM	7399	273	2.32	ND	ND	ND	ND	ND	ND	ND	17.9	327
01/03/19 07:30 AM	7260	283	2.32	ND	ND	ND	ND	ND	ND	ND	15.1	332
01/03/19 08:00 AM	7130	278	2.30	ND	ND	ND	ND	ND	ND	ND	13.8	335
01/03/19 08:30 AM	7122	283	2.22	ND	ND	ND	ND	ND	ND	ND	12.4	338
01/03/19 09:00 AM	7345	298	2.21	ND	ND	ND	ND	ND	ND	ND	11.0	332
01/03/19 09:30 AM	7596	316	2.25	ND	ND	ND	ND	ND	ND	ND	10.8	322
01/03/19 10:00 AM	7779	321	2.26	ND	ND	ND	ND	ND	ND	ND	12.3	323
01/03/19 10:30 AM	7948	325	2.40	ND	ND	ND	ND	ND	ND	ND	15.6	310
01/03/19 11:00 AM	8137	329	2.35	ND	ND	ND	ND	ND	ND	ND	18.0	314
01/03/19 11:30 AM	8205	333	2.35	ND	ND	ND	ND	ND	ND	ND	16.2	319
01/03/19 12:00 PM	7955	336	2.29	ND	ND	ND	ND	ND	ND	ND	14.8	315
01/03/19 12:30 PM	7936	340	2.30	ND	ND	ND	ND	ND	ND	ND	13.7	326
01/03/19 01:00 PM	8112	343	2.29	ND	ND	ND	ND	ND	ND	ND	12.1	325
01/03/19 01:30 PM	8277	347	2.32	ND	ND	ND	ND	ND	ND	ND	9.8	326
01/03/19 02:00 PM	8494	350	2.30	ND	ND	ND	ND	ND	ND	ND	7.7	332
01/03/19 02:30 PM	8736	350	2.30	ND	ND	ND	ND	ND	ND	ND	9.1	306
01/03/19 03:00 PM	8775	350	2.31	ND	ND	ND	ND	ND	ND	ND	9.4	309
01/03/19 03:30 PM	8683	350	2.23	ND	ND	ND	ND	ND	ND	ND	8.6	320
01/03/19 04:00 PM	8602	351	2.23	ND	ND	ND	ND	ND	ND	ND	7.6	330
01/03/19 04:30 PM	8474	352	2.25	ND	ND	ND	ND	ND	ND	ND	5.8	347
01/03/19 05:00 PM	8448	352	2.27	ND	ND	ND	ND	ND	ND	ND	4.5	351
01/03/19 05:30 PM	8496	353	2.27	ND	ND	ND	ND	ND	ND	ND	4.5	124
01/03/19 06:00 PM	8423	350	2.27	ND	ND	ND	ND	ND	ND	ND	3.9	32
01/03/19 06:30 PM	8313	349	2.30	ND	ND	ND	ND	ND	ND	ND	4.0	27
01/03/19 07:00 PM	8277	348	2.53	ND	ND	ND	ND	ND	ND	ND	3.3	32
01/03/19 07:30 PM	8192	347	2.42	ND	ND	ND	ND	ND	ND	ND	3.7	27
01/03/19 08:00 PM	8109	346	2.72	ND	ND	ND	ND	ND	ND	ND	2.9	41
01/03/19 08:30 PM	8025	346	5.88	ND	ND	ND	ND	ND	ND	ND	2.7	86
01/03/19 09:00 PM	7865	344	2.68	ND	ND	ND	ND	ND	ND	ND	3.4	101
01/03/19 09:30 PM	7784	344	2.70	ND	ND	ND	ND	ND	ND	ND	3.7	100
01/03/19 10:00 PM	7760	344	2.29	ND	ND	ND	ND	ND	ND	ND	3.4	98
01/03/19 10:30 PM	7638	344	2.74	0.01807	ND	ND	ND	ND	ND	ND	2.9	85
01/03/19 11:00 PM	7532	344	2.60	ND	ND	ND	ND	ND	ND	ND	3.3	82
01/03/19 11:30 PM	7455	344	2.89	ND	ND	ND	ND	ND	ND	ND	3.3	82
01/04/19 12:00 AM	7361	343	3.04	ND	ND	ND	ND	ND	ND	ND	3.3	82

Daily Processed Summary (Average, Maximum)

Average	8205	309	2.37	0.00038	BDL	BDL	BDL	BDL	BDL	BDL	7.9	335
Maximum Value	11393	353	5.88	0.01807	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

## Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/04/19 12:30 AM	7313	343	2.88	ND	ND	ND	ND	ND	ND	ND	3.7	75
01/04/19 01:00 AM	7248	342	2.82	ND	ND	ND	ND	ND	ND	ND	3.8	101
01/04/19 01:30 AM	7317	341	3.17	ND	ND	ND	ND	ND	ND	ND	3.0	96
01/04/19 02:00 AM	7241	342	2.32	ND	ND	ND	ND	ND	ND	ND	4.3	135
01/04/19 02:30 AM	7036	341	2.33	ND	ND	ND	ND	ND	ND	ND	4.0	148
01/04/19 03:00 AM	7106	342	2.32	ND	ND	ND	ND	ND	ND	ND	3.3	168
01/04/19 03:30 AM	7271	340	2.28	ND	ND	ND	ND	ND	ND	ND	4.2	182
01/04/19 04:00 AM	7934	342	2.28	ND	ND	ND	ND	ND	ND	ND	7.0	195
01/04/19 04:30 AM	8602	344	2.24	ND	ND	ND	ND	ND	ND	ND	6.5	197
01/04/19 05:00 AM	8760	344	2.24	ND	ND	ND	ND	ND	ND	ND	6.9	212
01/04/19 05:30 AM	7912	344	2.36	ND	ND	ND	ND	ND	ND	ND	7.5	229
01/04/19 06:00 AM	7549	346	2.49	ND	ND	ND	ND	ND	ND	ND	7.4	240
01/04/19 06:30 AM	7294	345	2.53	ND	ND	ND	ND	ND	ND	ND	6.8	245
01/04/19 07:00 AM	7172	345	2.60	ND	ND	ND	ND	ND	ND	ND	6.7	271
01/04/19 07:30 AM	6771	345	2.68	ND	ND	ND	ND	ND	ND	ND	6.8	284
01/04/19 08:00 AM	6675	345	2.69	ND	ND	ND	ND	ND	ND	ND	7.6	309
01/04/19 08:30 AM	6894	348	2.63	ND	ND	ND	ND	ND	ND	ND	8.6	308
01/04/19 09:00 AM	6777	351	2.80	ND	ND	ND	ND	ND	ND	ND	10.5	311
01/04/19 09:30 AM	6806	352	2.55	ND	ND	ND	ND	ND	ND	ND	10.2	316
01/04/19 10:00 AM	6911	353	2.51	ND	ND	ND	ND	ND	ND	ND	9.1	308
01/04/19 10:30 AM	6836	352	2.34	ND	ND	ND	ND	ND	ND	ND	8.9	306
01/04/19 11:00 AM	6349	351	2.30	ND	ND	ND	ND	ND	ND	ND	10.7	321
01/04/19 11:30 AM	6061	353	2.28	ND	ND	ND	ND	ND	ND	ND	10.6	325
01/04/19 12:00 PM	6552	355	2.32	ND	ND	ND	ND	ND	ND	ND	9.1	329
01/04/19 12:30 PM	6804	355	2.27	ND	ND	ND	ND	ND	ND	ND	9.7	317
01/04/19 01:00 PM	7040	355	2.22	ND	ND	ND	ND	ND	ND	ND	9.8	308
01/04/19 01:30 PM	7165	356	2.21	ND	ND	ND	ND	ND	ND	ND	10.2	316
01/04/19 02:00 PM	7244	357	2.20	ND	ND	ND	ND	ND	ND	ND	9.5	314
01/04/19 02:30 PM	7387	357	2.20	ND	ND	ND	ND	ND	ND	ND	8.7	314
01/04/19 03:00 PM	7406	358	2.18	ND	ND	ND	ND	ND	ND	ND	8.2	302
01/04/19 03:30 PM	7559	357	2.18	ND	ND	ND	ND	ND	ND	ND	7.9	305
01/04/19 04:00 PM	7442	357	2.19	ND	ND	ND	ND	ND	ND	ND	6.4	280
01/04/19 04:30 PM	7410	357	2.20	ND	ND	ND	ND	ND	ND	ND	5.5	307
01/04/19 05:00 PM	7545	357	2.21	ND	ND	ND	ND	ND	ND	ND	4.1	322
01/04/19 05:30 PM	7919	356	2.23	ND	ND	ND	ND	ND	ND	ND	2.3	235
01/04/19 06:00 PM	8062	354	2.52	ND	ND	ND	ND	ND	ND	ND	3.0	71
01/04/19 06:30 PM	8158	351	2.33	ND	ND	ND	ND	ND	ND	ND	2.8	92
01/04/19 07:00 PM	8094	350	2.99	ND	ND	ND	ND	ND	ND	ND	4.2	99
01/04/19 07:30 PM	9162	350	2.33	ND	ND	ND	ND	ND	ND	ND	5.5	164
01/04/19 08:00 PM	10002	349	2.36	ND	ND	ND	ND	ND	ND	ND	4.1	168
01/04/19 08:30 PM	9590	349	2.34	ND	ND	ND	ND	ND	ND	ND	2.8	166
01/04/19 09:00 PM	9257	349	2.75	ND	ND	ND	ND	ND	ND	ND	2.3	161
01/04/19 09:30 PM	9017	349	2.87	ND	ND	ND	ND	ND	ND	ND	1.9	136
01/04/19 10:00 PM	8722	349	2.62	ND	ND	ND	ND	ND	ND	ND	2.3	134
01/04/19 10:30 PM	8521	347	2.54	ND	ND	ND	ND	ND	ND	ND	3.0	172
01/04/19 11:00 PM	8135	346	2.51	ND	ND	ND	ND	ND	ND	ND	2.9	157
01/04/19 11:30 PM	8259	347	2.45	ND	ND	ND	ND	ND	ND	ND	3.4	184
01/05/19 12:00 AM	7888	346	2.63	ND	ND	ND	ND	ND	ND	ND	3.4	145
Daily Processed Summary (Average, Maximum)												
Average	7629	349	2.45	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.7	286
Maximum Value	10002	358	3.17	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VOI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/05/19 12:30 AM	7957	346	2.40	ND	ND	ND	ND	ND	ND	ND	3.8	173
01/05/19 01:00 AM	8756	347	2.38	ND	ND	ND	ND	ND	ND	ND	4.6	166
01/05/19 01:30 AM	8783	348	2.53	ND	ND	ND	ND	ND	ND	ND	4.2	161
01/05/19 02:00 AM	8556	347	2.59	ND	ND	ND	ND	ND	ND	ND	4.2	170
01/05/19 02:30 AM	8631	346	2.56	ND	ND	ND	ND	ND	ND	ND	2.8	205
01/05/19 03:00 AM	8882	347	2.52	ND	ND	ND	ND	ND	ND	ND	1.3	269
01/05/19 03:30 AM	9464	345	2.51	ND	ND	ND	ND	ND	ND	ND	2.9	242
01/05/19 04:00 AM	10177	343	2.45	ND	ND	ND	ND	ND	ND	ND	3.7	223
01/05/19 04:30 AM	8292	215	2.16	ND	ND	ND	ND	ND	ND	ND	3.0	264
01/05/19 05:00 AM	7621	201	2.32	ND	ND	ND	ND	ND	ND	ND	2.4	307
01/05/19 05:30 AM	8440	280	2.89	ND	ND	ND	ND	ND	ND	ND	2.7	288
01/05/19 06:00 AM	9009	311	3.13	ND	ND	ND	ND	ND	ND	ND	3.4	269
01/05/19 06:30 AM	8982	314	2.97	ND	ND	ND	ND	ND	ND	ND	2.6	254
01/05/19 07:00 AM	7411	206	2.09	ND	ND	ND	ND	ND	ND	ND	1.6	202
01/05/19 07:30 AM	5738	132	1.77	ND	ND	ND	ND	ND	ND	ND	2.1	61
01/05/19 08:00 AM	7928	263	2.97	ND	ND	ND	ND	ND	ND	ND	1.8	79
01/05/19 08:30 AM	7884	260	4.25	ND	ND	ND	ND	ND	ND	ND	1.5	272
01/05/19 09:00 AM	10091	356	6.12	ND	ND	ND	ND	ND	ND	ND	2.9	280
01/05/19 09:30 AM	9914	350	3.03	ND	ND	ND	ND	ND	ND	ND	4.0	265
01/05/19 10:00 AM	9617	352	2.65	ND	ND	ND	ND	ND	ND	ND	5.1	271
01/05/19 10:30 AM	9321	354	2.50	ND	ND	ND	ND	ND	ND	ND	5.1	222
01/05/19 11:00 AM	9357	356	2.49	ND	ND	ND	ND	ND	ND	ND	5.7	213
01/05/19 11:30 AM	9409	359	2.42	ND	ND	ND	ND	ND	ND	ND	7.3	207
01/05/19 12:00 PM	9707	359	2.37	ND	ND	ND	ND	ND	ND	ND	7.8	201
01/05/19 12:30 PM	8937	360	2.27	ND	ND	ND	ND	ND	ND	ND	6.9	201
01/05/19 01:00 PM	8225	361	2.20	ND	ND	ND	ND	ND	ND	ND	7.1	183
01/05/19 01:30 PM	7807	362	2.17	ND	ND	ND	ND	ND	ND	ND	8.1	180
01/05/19 02:00 PM	7583	362	2.17	ND	ND	ND	ND	ND	ND	ND	9.0	176
01/05/19 02:30 PM	7983	363	2.18	ND	ND	ND	ND	ND	ND	ND	10.5	155
01/05/19 03:00 PM	7429	362	2.16	ND	ND	ND	ND	ND	ND	ND	10.5	161
01/05/19 03:30 PM	7827	363	2.17	ND	ND	ND	ND	ND	ND	ND	10.1	168
01/05/19 04:00 PM	8218	365	2.17	ND	ND	ND	ND	ND	ND	ND	10.7	169
01/05/19 04:30 PM	8371	363	2.17	ND	ND	ND	ND	ND	ND	ND	8.3	161
01/05/19 05:00 PM	8549	361	2.19	ND	ND	ND	ND	ND	ND	ND	5.8	153
01/05/19 05:30 PM	8759	360	2.21	ND	ND	ND	ND	ND	ND	ND	6.4	142
01/05/19 06:00 PM	9493	358	2.22	ND	ND	ND	ND	ND	ND	ND	7.4	141
01/05/19 06:30 PM	10608	355	2.28	ND	ND	ND	ND	ND	ND	ND	6.5	131
01/05/19 07:00 PM	11868	352	2.22	ND	ND	ND	ND	ND	ND	ND	6.3	128
01/05/19 07:30 PM	11972	353	2.20	ND	ND	ND	ND	ND	ND	ND	5.5	123
01/05/19 08:00 PM	12278	351	2.19	ND	ND	ND	ND	ND	ND	ND	6.4	115
01/05/19 08:30 PM	12074	350	2.18	ND	ND	ND	ND	ND	ND	ND	5.8	114
01/05/19 09:00 PM	12114	349	2.19	ND	ND	ND	ND	ND	ND	ND	6.6	116
01/05/19 09:30 PM	12491	348	2.21	ND	ND	ND	ND	ND	ND	ND	6.2	118
01/05/19 10:00 PM	12611	348	2.40	ND	ND	ND	ND	ND	ND	ND	5.3	117
01/05/19 10:30 PM	12726	347	2.43	ND	ND	ND	ND	ND	ND	ND	5.1	114
01/05/19 11:00 PM	12765	337	2.35	ND	ND	ND	ND	ND	ND	ND	5.1	114
01/05/19 11:30 PM	12761	340	2.42	ND	ND	ND	ND	ND	ND	ND	5.1	114
01/06/19 12:00 AM	12427	327	2.24	ND	ND	ND	ND	ND	ND	ND	5.1	114

## Daily Processed Summary (Average, Maximum)

Average	9496	332	2.49	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.6	174
Maximum Value	12765	365	6.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.7	169

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Fomosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VC_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/06/19 12:30 AM	12600	335	2.17	ND	ND	ND	ND	ND	0.00349	ND	5.5	110
01/06/19 01:00 AM	12475	336	2.20	ND	ND	ND	ND	ND	ND	ND	6.2	111
01/06/19 01:30 AM	12229	336	2.13	ND	ND	ND	ND	ND	ND	ND	6.1	110
01/06/19 02:00 AM	12037	331	2.19	ND	ND	ND	ND	ND	ND	ND	5.9	110
01/06/19 02:30 AM	11934	310	2.19	ND	ND	ND	ND	ND	ND	ND	6.0	111
01/06/19 03:00 AM	11695	270	2.04	ND	ND	ND	ND	ND	ND	ND	5.8	111
01/06/19 03:30 AM	12160	288	2.10	ND	ND	ND	ND	ND	ND	ND	6.2	101
01/06/19 04:00 AM	11752	278	2.22	ND	ND	ND	ND	ND	ND	ND	6.0	99
01/06/19 04:30 AM	9167	172	1.67	ND	ND	ND	ND	ND	ND	ND	5.5	102
01/06/19 05:00 AM	5564	81	0.94	ND	ND	ND	ND	ND	ND	ND	6.1	105
01/06/19 05:30 AM	4744	70	0.85	ND	ND	ND	ND	ND	ND	ND	4.4	105
01/06/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.6	102
01/06/19 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.7	102
01/06/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.7	96
01/06/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.1	98
01/06/19 08:00 AM	8474	154	1.42	ND	ND	ND	ND	ND	ND	ND	4.4	104
01/06/19 08:30 AM	13033	320	2.07	ND	ND	ND	ND	ND	ND	ND	4.1	108
01/06/19 09:00 AM	14884	350	2.16	ND	ND	ND	ND	ND	ND	ND	5.0	118
01/06/19 09:30 AM	16371	353	2.10	ND	ND	ND	ND	ND	ND	ND	9.9	158
01/06/19 10:00 AM	16651	355	2.10	ND	ND	ND	ND	ND	ND	ND	11.4	161
01/06/19 10:30 AM	16778	360	2.08	ND	ND	ND	ND	ND	ND	ND	12.1	154
01/06/19 11:00 AM	16859	358	2.08	ND	ND	ND	ND	ND	ND	ND	14.6	157
01/06/19 11:30 AM	16876	357	2.07	ND	ND	ND	ND	ND	ND	ND	13.8	164
01/06/19 12:00 PM	16816	356	2.07	ND	ND	ND	ND	ND	ND	ND	13.6	171
01/06/19 12:30 PM	16892	359	2.08	ND	ND	ND	ND	ND	ND	ND	13.4	163
01/06/19 01:00 PM	16948	360	2.08	ND	ND	ND	ND	ND	ND	ND	13.7	159
01/06/19 01:30 PM	17067	362	2.09	ND	ND	ND	ND	ND	ND	ND	14.6	158
01/06/19 02:00 PM	17127	359	2.08	ND	ND	ND	ND	ND	ND	ND	14.2	165
01/06/19 02:30 PM	17037	357	2.07	ND	ND	ND	ND	ND	ND	ND	14.6	171
01/06/19 03:00 PM	17007	356	2.06	ND	ND	ND	ND	ND	ND	ND	15.3	171
01/06/19 03:30 PM	17023	356	2.07	ND	ND	ND	ND	ND	ND	ND	14.9	169
01/06/19 04:00 PM	16992	356	2.06	ND	ND	ND	ND	ND	ND	ND	13.6	172
01/06/19 04:30 PM	17243	357	2.09	ND	ND	ND	ND	ND	ND	ND	11.9	165
01/06/19 05:00 PM	17458	360	2.09	ND	ND	ND	ND	ND	ND	ND	11.4	157
01/06/19 05:30 PM	17509	355	2.14	ND	ND	0.12406	ND	ND	ND	ND	12.8	144
01/06/19 06:00 PM	17402	351	2.20	ND	ND	0.23954	ND	ND	ND	ND	11.8	137
01/06/19 06:30 PM	17189	348	2.21	ND	ND	0.24316	ND	ND	ND	ND	12.6	139
01/06/19 07:00 PM	17324	349	2.23	ND	ND	0.28902	ND	ND	ND	ND	14.2	143
01/06/19 07:30 PM	17348	350	2.21	ND	ND	0.26795	ND	ND	ND	ND	12.9	144
01/06/19 08:00 PM	17493	361	2.07	0.00900	ND	ND	ND	ND	ND	ND	11.2	148
01/06/19 08:30 PM	17350	358	2.08	ND	ND	0.01584	ND	ND	ND	ND	11.5	145
01/06/19 09:00 PM	17298	357	2.94	ND	ND	0.35212	ND	ND	ND	ND	13.6	143
01/06/19 09:30 PM	17450	362	2.09	ND	ND	0.00279	ND	ND	ND	ND	12.6	151
01/06/19 10:00 PM	17491	362	2.07	ND	ND	ND	ND	ND	ND	ND	11.9	152
01/06/19 10:30 PM	17445	361	2.08	ND	ND	ND	ND	ND	ND	ND	12.5	145
01/06/19 11:00 PM	17334	355	2.07	ND	ND	ND	ND	ND	ND	ND	15.2	144
01/06/19 11:30 PM	17284	356	2.10	ND	ND	ND	ND	ND	ND	ND	15.8	145
01/07/19 12:00 AM	17386	362	2.07	ND	ND	ND	ND	ND	ND	ND	14.1	149

## Daily Processed Summary (Average, Maximum)

Average	15164	326	2.05	0.00019	BDL	0.03197	BDL	BDL	0.00007	BDL	9.5	146
Maximum Value	17509	362	2.94	0.00900	BDL	0.35212	BDL	BDL	0.00349	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/07/19 12:30 AM	17462	361	2.08	ND	ND	ND	ND	ND	ND	ND	14.5	156
01/07/19 01:00 AM	17299	357	2.08	ND	ND	ND	ND	ND	ND	ND	13.5	159
01/07/19 01:30 AM	17260	362	2.07	ND	ND	ND	ND	ND	ND	ND	14.7	155
01/07/19 02:00 AM	17328	363	2.06	ND	ND	ND	ND	ND	ND	ND	16.1	155
01/07/19 02:30 AM	17434	363	2.06	ND	ND	ND	ND	ND	ND	ND	14.4	154
01/07/19 03:00 AM	17510	359	2.07	ND	ND	ND	ND	ND	ND	ND	13.1	160
01/07/19 03:30 AM	17407	354	2.08	ND	ND	ND	ND	ND	ND	ND	13.3	165
01/07/19 04:00 AM	17444	355	2.08	ND	ND	ND	ND	ND	ND	ND	13.1	165
01/07/19 04:30 AM	17252	351	2.06	ND	ND	ND	ND	ND	ND	ND	11.4	170
01/07/19 05:00 AM	17409	351	2.05	ND	ND	ND	ND	ND	ND	ND	10.7	170
01/07/19 05:30 AM	17381	356	2.07	ND	ND	ND	ND	ND	ND	ND	15.6	163
01/07/19 06:00 AM	17267	359	2.08	ND	ND	ND	ND	ND	ND	ND	14.4	162
01/07/19 06:30 AM	17270	357	2.08	ND	ND	ND	ND	ND	ND	ND	13.2	165
01/07/19 07:00 AM	17294	353	2.07	ND	ND	ND	ND	ND	ND	ND	11.9	171
01/07/19 07:30 AM	17063	349	2.03	ND	ND	ND	ND	ND	ND	ND	8.9	179
01/07/19 08:00 AM	16985	348	2.03	ND	ND	ND	ND	ND	ND	ND	9.4	179
01/07/19 08:30 AM	17422	350	2.03	ND	ND	ND	ND	ND	ND	ND	11.0	173
01/07/19 09:00 AM	17714	352	2.05	ND	ND	ND	ND	ND	ND	ND	12.4	169
01/07/19 09:30 AM	18161	358	2.10	ND	ND	ND	ND	ND	ND	ND	14.6	165
01/07/19 10:00 AM	18121	355	2.06	ND	ND	ND	ND	ND	ND	ND	12.2	170
01/07/19 10:30 AM	18105	355	2.04	ND	ND	ND	ND	ND	ND	ND	12.0	172
01/07/19 11:00 AM	17793	354	2.04	ND	ND	ND	ND	ND	ND	ND	10.3	177
01/07/19 11:30 AM	17725	354	2.04	ND	ND	ND	ND	ND	ND	ND	9.0	176
01/07/19 12:00 PM	17701	354	2.04	ND	ND	ND	ND	ND	ND	0.01102	9.0	175
01/07/19 12:30 PM	17856	355	2.06	ND	ND	ND	ND	ND	ND	ND	11.8	168
01/07/19 01:00 PM	18055	357	2.08	ND	ND	ND	ND	ND	ND	ND	12.0	168
01/07/19 01:30 PM	18032	356	2.07	ND	ND	ND	ND	ND	ND	ND	11.0	169
01/07/19 02:00 PM	18187	357	2.07	ND	ND	ND	ND	ND	ND	ND	10.9	172
01/07/19 02:30 PM	18079	356	2.04	ND	ND	ND	ND	ND	ND	ND	13.2	170
01/07/19 03:00 PM	18119	356	2.04	ND	ND	ND	ND	ND	ND	ND	13.3	173
01/07/19 03:30 PM	17976	357	2.05	ND	ND	ND	ND	ND	ND	ND	12.9	172
01/07/19 04:00 PM	17983	357	2.05	ND	ND	ND	ND	ND	ND	ND	11.5	171
01/07/19 04:30 PM	17542	356	2.04	ND	ND	ND	ND	ND	ND	ND	10.3	174
01/07/19 05:00 PM	17677	355	2.05	ND	ND	ND	ND	ND	ND	ND	9.6	171
01/07/19 05:30 PM	17824	359	2.06	ND	0.00090	ND	ND	ND	ND	ND	11.1	154
01/07/19 06:00 PM	17672	361	2.05	ND	ND	ND	ND	ND	ND	ND	13.2	155
01/07/19 06:30 PM	17748	360	2.06	ND	ND	ND	ND	ND	ND	ND	13.1	158
01/07/19 07:00 PM	17608	350	2.05	ND	ND	ND	ND	ND	ND	ND	11.9	170
01/07/19 07:30 PM	17574	349	2.04	ND	ND	ND	ND	ND	ND	ND	11.3	171
01/07/19 08:00 PM	17599	350	2.03	ND	ND	ND	ND	ND	ND	ND	11.3	172
01/07/19 08:30 PM	17567	349	2.03	ND	ND	ND	ND	ND	ND	ND	9.8	176
01/07/19 09:00 PM	17574	348	2.02	ND	ND	ND	ND	ND	ND	ND	8.2	176
01/07/19 09:30 PM	17731	350	2.05	ND	ND	ND	ND	ND	ND	ND	10.8	170
01/07/19 10:00 PM	17753	351	2.06	ND	ND	ND	ND	ND	ND	ND	10.7	170
01/07/19 10:30 PM	17571	348	2.03	ND	ND	ND	ND	ND	ND	ND	8.8	175
01/07/19 11:00 PM	17380	347	2.01	ND	ND	ND	ND	ND	ND	ND	8.4	181
01/07/19 11:30 PM	17443	346	2.03	ND	ND	ND	ND	ND	ND	ND	8.2	186
01/08/19 12:00 AM	17380	345	2.03	ND	ND	ND	ND	ND	ND	ND	9.4	181

Daily Processed Summary (Average, Maximum)

Average	17620	354	2.05	BDL	0.00002	BDL	BDL	BDL	BDL	0.00023	11.6	168
Maximum Value	18187	363	2.10	BDL	0.00090	BDL	BDL	BDL	BDL	0.01102		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/08/19 12:30 AM	17363	345	2.03	ND	ND	ND	ND	ND	ND	ND	6.1	188
01/08/19 01:00 AM	17193	345	2.03	ND	ND	ND	ND	ND	ND	ND	3.6	222
01/08/19 01:30 AM	17153	344	2.02	ND	ND	ND	ND	ND	ND	ND	4.8	200
01/08/19 02:00 AM	17122	344	2.03	ND	ND	ND	ND	ND	ND	ND	4.7	208
01/08/19 02:30 AM	17020	343	2.04	ND	ND	ND	ND	ND	ND	ND	4.1	213
01/08/19 03:00 AM	17091	342	2.04	ND	ND	ND	ND	ND	ND	ND	3.3	207
01/08/19 03:30 AM	17180	341	2.03	ND	ND	ND	ND	ND	ND	ND	3.2	199
01/08/19 04:00 AM	17350	341	2.05	ND	ND	ND	ND	ND	ND	ND	4.6	183
01/08/19 04:30 AM	17351	340	2.11	ND	ND	ND	ND	ND	ND	ND	3.2	189
01/08/19 05:00 AM	17084	340	2.17	ND	ND	ND	ND	ND	ND	ND	1.5	268
01/08/19 05:30 AM	17060	341	2.30	ND	ND	ND	ND	ND	ND	ND	2.4	332
01/08/19 06:00 AM	16983	344	2.43	ND	ND	ND	ND	ND	ND	ND	2.5	122
01/08/19 06:30 AM	16577	350	5.69	ND	ND	ND	ND	ND	ND	ND	2.9	25
01/08/19 07:00 AM	16387	348	2.60	ND	ND	ND	ND	ND	ND	ND	2.3	46
01/08/19 07:30 AM	16347	346	2.28	ND	ND	ND	ND	ND	ND	ND	2.4	51
01/08/19 08:00 AM	16452	344	2.27	ND	ND	ND	ND	ND	ND	ND	2.2	68
01/08/19 08:30 AM	16620	346	2.51	ND	ND	ND	ND	ND	ND	ND	2.6	103
01/08/19 09:00 AM	17202	348	2.38	ND	ND	ND	ND	ND	ND	ND	1.8	88
01/08/19 09:30 AM	17892	352	2.24	ND	ND	ND	ND	ND	ND	ND	2.2	121
01/08/19 10:00 AM	18010	353	2.05	ND	ND	ND	ND	ND	ND	ND	5.0	203
01/08/19 10:30 AM	17903	353	2.04	ND	ND	ND	ND	ND	ND	ND	5.9	205
01/08/19 11:00 AM	17969	354	2.05	ND	ND	ND	ND	ND	ND	ND	4.8	247
01/08/19 11:30 AM	17905	354	2.06	ND	ND	ND	ND	ND	ND	ND	4.3	216
01/08/19 12:00 PM	17976	356	2.06	ND	ND	ND	ND	ND	ND	ND	3.9	203
01/08/19 12:30 PM	18173	357	2.06	ND	ND	ND	ND	ND	ND	ND	3.6	202
01/08/19 01:00 PM	18210	357	2.05	ND	ND	ND	ND	ND	ND	ND	2.9	202
01/08/19 01:30 PM	18407	357	2.05	ND	ND	ND	ND	ND	ND	ND	4.3	238
01/08/19 02:00 PM	18379	357	2.05	ND	ND	ND	ND	ND	ND	ND	5.0	291
01/08/19 02:30 PM	18312	357	2.05	ND	ND	ND	ND	ND	ND	ND	4.2	256
01/08/19 03:00 PM	18176	358	2.05	ND	ND	ND	ND	ND	ND	ND	3.7	241
01/08/19 03:30 PM	18485	358	2.07	ND	ND	ND	ND	ND	ND	ND	3.6	177
01/08/19 04:00 PM	18768	357	2.07	ND	ND	ND	ND	ND	ND	ND	5.7	80
01/08/19 04:30 PM	18829	356	2.07	ND	ND	ND	ND	ND	ND	ND	6.2	102
01/08/19 05:00 PM	18629	356	2.05	ND	ND	ND	ND	ND	ND	ND	6.2	138
01/08/19 05:30 PM	18388	354	2.05	ND	ND	ND	ND	ND	ND	ND	5.1	122
01/08/19 06:00 PM	17990	351	2.06	ND	ND	ND	ND	ND	ND	ND	4.5	118
01/08/19 06:30 PM	18172	350	2.07	ND	ND	ND	ND	ND	ND	ND	3.6	138
01/08/19 07:00 PM	17934	349	2.13	ND	ND	ND	ND	ND	ND	ND	4.2	33
01/08/19 07:30 PM	17817	349	2.13	ND	ND	ND	ND	ND	ND	ND	1.7	54
01/08/19 08:00 PM	17873	349	2.13	ND	ND	ND	ND	ND	ND	ND	2.3	53
01/08/19 08:30 PM	17749	347	2.14	ND	ND	ND	ND	ND	ND	ND	2.2	46
01/08/19 09:00 PM	17664	347	2.16	ND	ND	ND	ND	ND	ND	ND	2.4	45
01/08/19 09:30 PM	17440	348	2.19	ND	ND	ND	ND	ND	ND	ND	3.4	49
01/08/19 10:00 PM	17160	345	2.94	ND	ND	ND	ND	ND	ND	ND	4.1	17
01/08/19 10:30 PM	17137	346	2.62	ND	ND	ND	ND	ND	ND	ND	5.0	18
01/08/19 11:00 PM	16689	347	2.38	ND	ND	ND	ND	ND	ND	ND	5.0	7
01/08/19 11:30 PM	16413	341	2.26	ND	ND	ND	ND	ND	ND	ND	5.2	7
01/09/19 12:00 AM	15990	344	2.23	ND	ND	ND	ND	ND	ND	ND	5.0	130

Daily Processed Summary (Average, Maximum)

Average	17541	349	2.24	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.0	162
Maximum Value	18829	358	5.69	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VOI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/09/19 12:30 AM	15489	342	2.27	ND	ND	ND	ND	ND	ND	ND	5.2	349
01/09/19 01:00 AM	15293	343	2.24	ND	ND	ND	ND	ND	ND	ND	7.4	349
01/09/19 01:30 AM	13438	348	2.25	ND	ND	ND	ND	ND	ND	ND	6.6	353
01/09/19 02:00 AM	12692	348	2.27	ND	ND	ND	ND	ND	ND	ND	7.0	353
01/09/19 02:30 AM	12088	348	2.28	ND	ND	ND	ND	ND	ND	ND	6.9	354
01/09/19 03:00 AM	11611	347	2.32	ND	ND	ND	ND	ND	ND	ND	6.5	239
01/09/19 03:30 AM	11350	347	2.32	ND	ND	ND	ND	ND	ND	ND	8.6	6
01/09/19 04:00 AM	11108	347	2.32	ND	ND	ND	ND	ND	ND	ND	10.0	10
01/09/19 04:30 AM	11074	347	2.33	ND	ND	ND	ND	ND	ND	ND	10.2	8
01/09/19 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.9	11
01/09/19 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.8	15
01/09/19 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.2	12
01/09/19 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.1	11
01/09/19 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.5	15
01/09/19 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.7	18
01/09/19 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	18
01/09/19 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.2	21
01/09/19 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.7	23
01/09/19 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.7	32
01/09/19 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.2	33
01/09/19 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.1	35
01/09/19 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.2	40
01/09/19 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.4	40
01/09/19 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	34
01/09/19 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.6	34
01/09/19 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.6	25
01/09/19 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.5	26
01/09/19 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.6	43
01/09/19 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	39
01/09/19 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	27
01/09/19 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	26
01/09/19 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	25
01/09/19 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	27
01/09/19 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	15
01/09/19 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	16
01/09/19 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	15
01/09/19 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	24
01/09/19 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	26
01/09/19 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	20
01/09/19 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	23
01/09/19 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	28
01/09/19 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	25
01/09/19 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	24
01/09/19 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	28
01/09/19 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	29
01/09/19 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	38
01/09/19 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	42
01/10/19 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	48

Daily Processed Summary (Average, Maximum)

Average	12683	346	2.29	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.9	22
Maximum Value	15489	348	2.33	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/10/19 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	53
01/10/19 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	59
01/10/19 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	46
01/10/19 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	137
01/10/19 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	179
01/10/19 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	182
01/10/19 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	238
01/10/19 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	181
01/10/19 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	11
01/10/19 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	23
01/10/19 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	28
01/10/19 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	35
01/10/19 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	33
01/10/19 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	41
01/10/19 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	54
01/10/19 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	46
01/10/19 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	32
01/10/19 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	55
01/10/19 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	77
01/10/19 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	87
01/10/19 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	75
01/10/19 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	85
01/10/19 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	91
01/10/19 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	109
01/10/19 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	104
01/10/19 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	121
01/10/19 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	135
01/10/19 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	124
01/10/19 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	134
01/10/19 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	117
01/10/19 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	122
01/10/19 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.4	111
01/10/19 04:30 PM	8747	344	2.09	ND	ND	ND	ND	ND	ND	ND	7.9	118
01/10/19 05:00 PM	9061	344	2.08	ND	ND	ND	ND	ND	ND	ND	8.8	122
01/10/19 05:30 PM	9271	343	2.08	ND	ND	ND	ND	ND	ND	ND	8.2	113
01/10/19 06:00 PM	9321	340	2.13	ND	ND	ND	ND	ND	ND	ND	6.1	119
01/10/19 06:30 PM	9440	339	2.23	ND	ND	ND	ND	ND	ND	ND	6.4	114
01/10/19 07:00 PM	9511	338	2.30	ND	ND	ND	ND	ND	ND	ND	5.9	100
01/10/19 07:30 PM	9572	338	2.12	ND	ND	ND	ND	ND	ND	ND	6.3	99
01/10/19 08:00 PM	9755	337	2.39	ND	ND	ND	ND	ND	ND	ND	6.5	95
01/10/19 08:30 PM	9825	336	2.11	ND	ND	ND	ND	ND	ND	ND	6.7	102
01/10/19 09:00 PM	9788	337	2.31	ND	ND	ND	ND	ND	ND	ND	6.1	98
01/10/19 09:30 PM	9830	336	2.15	ND	ND	ND	ND	ND	ND	ND	5.7	103
01/10/19 10:00 PM	9874	336	2.43	ND	ND	ND	ND	ND	ND	ND	5.7	96
01/10/19 10:30 PM	9970	336	2.59	ND	ND	ND	ND	ND	ND	ND	5.6	85
01/10/19 11:00 PM	10005	336	2.44	ND	ND	ND	ND	ND	ND	ND	6.1	95
01/10/19 11:30 PM	10013	336	2.71	ND	ND	ND	ND	ND	ND	ND	5.9	87
01/11/19 12:00 AM	9877	335	2.41	ND	ND	ND	ND	ND	ND	ND	6.0	91

## Daily Processed Summary (Average, Maximum)

Average	9616	338	2.29	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.2	95
Maximum Value	10013	344	2.71	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/11/19 12:30 AM	9856	335	2.39	ND	ND	ND	ND	ND	ND	ND	5.0	95
01/11/19 01:00 AM	9815	334	2.26	ND	ND	ND	ND	ND	ND	ND	5.3	95
01/11/19 01:30 AM	9957	334	2.78	ND	ND	ND	ND	ND	ND	ND	6.1	85
01/11/19 02:00 AM	9987	334	2.54	ND	ND	ND	ND	ND	ND	ND	6.0	82
01/11/19 02:30 AM	10018	335	2.42	ND	ND	ND	ND	ND	ND	ND	6.1	86
01/11/19 03:00 AM	10060	335	2.23	ND	ND	ND	ND	ND	ND	ND	5.8	95
01/11/19 03:30 AM	10090	334	2.25	ND	ND	ND	ND	ND	ND	ND	6.3	98
01/11/19 04:00 AM	10193	334	2.36	ND	ND	ND	ND	ND	ND	ND	6.7	95
01/11/19 04:30 AM	10364	335	2.44	ND	ND	ND	ND	ND	ND	ND	7.2	96
01/11/19 05:00 AM	10532	335	2.39	ND	ND	ND	ND	ND	ND	ND	8.7	95
01/11/19 05:30 AM	10675	336	2.23	ND	ND	ND	ND	ND	ND	ND	9.2	97
01/11/19 06:00 AM	10902	336	2.22	ND	ND	ND	ND	ND	ND	ND	7.5	98
01/11/19 06:30 AM	11053	336	2.36	ND	ND	ND	ND	ND	ND	ND	7.5	96
01/11/19 07:00 AM	11106	335	2.42	ND	ND	ND	ND	ND	ND	ND	6.8	94
01/11/19 07:30 AM	11278	335	2.36	ND	ND	ND	ND	ND	ND	ND	7.0	95
01/11/19 08:00 AM	11476	337	2.26	ND	ND	ND	ND	ND	ND	ND	10.3	97
01/11/19 08:30 AM	11669	340	2.10	ND	ND	ND	ND	ND	ND	ND	12.2	105
01/11/19 09:00 AM	11732	342	2.08	ND	ND	ND	ND	ND	ND	ND	12.5	108
01/11/19 09:30 AM	11804	343	2.06	ND	ND	ND	ND	ND	ND	ND	12.3	109
01/11/19 10:00 AM	11714	343	2.05	ND	ND	ND	ND	ND	ND	ND	15.5	113
01/11/19 10:30 AM	11771	342	2.04	ND	ND	ND	ND	ND	ND	ND	15.8	112
01/11/19 11:00 AM	12069	343	2.05	ND	ND	ND	ND	ND	ND	ND	16.1	121
01/11/19 11:30 AM	12185	343	2.05	ND	ND	ND	ND	ND	ND	ND	15.8	120
01/11/19 12:00 PM	12465	343	2.05	ND	ND	ND	ND	ND	ND	ND	18.2	118
01/11/19 12:30 PM	12700	343	2.05	ND	ND	ND	ND	ND	ND	ND	16.6	115
01/11/19 01:00 PM	12725	342	2.05	ND	ND	ND	ND	ND	ND	ND	16.8	111
01/11/19 01:30 PM	12804	342	2.04	ND	ND	ND	ND	ND	ND	ND	15.3	114
01/11/19 02:00 PM	12935	340	2.05	ND	ND	ND	ND	ND	ND	ND	14.6	121
01/11/19 02:30 PM	13050	340	2.05	ND	ND	ND	ND	ND	ND	ND	13.6	122
01/11/19 03:00 PM	13173	339	2.05	ND	ND	ND	ND	ND	ND	ND	13.4	119
01/11/19 03:30 PM	13358	339	2.07	ND	ND	ND	ND	ND	ND	ND	11.4	119
01/11/19 04:00 PM	13477	338	2.06	ND	ND	ND	ND	ND	ND	ND	11.7	121
01/11/19 04:30 PM	13615	338	2.08	ND	ND	ND	ND	ND	ND	ND	9.4	119
01/11/19 05:00 PM	13813	336	2.06	ND	ND	ND	ND	ND	ND	ND	9.3	115
01/11/19 05:30 PM	14190	334	2.09	ND	ND	ND	ND	ND	ND	ND	7.5	112
01/11/19 06:00 PM	10937	179	1.61	ND	ND	ND	ND	ND	ND	ND	8.7	106
01/11/19 06:30 PM	11833	188	1.69	ND	ND	ND	ND	ND	ND	ND	7.7	100
01/11/19 07:00 PM	13344	240	1.84	ND	ND	ND	ND	ND	ND	ND	8.5	100
01/11/19 07:30 PM	13920	270	1.90	ND	ND	ND	ND	ND	ND	ND	8.9	103
01/11/19 08:00 PM	14324	292	1.94	ND	ND	ND	ND	ND	ND	ND	8.8	108
01/11/19 08:30 PM	14744	312	2.02	ND	ND	ND	ND	ND	ND	ND	8.7	117
01/11/19 09:00 PM	14788	320	2.03	ND	ND	ND	ND	ND	ND	ND	9.0	119
01/11/19 09:30 PM	15146	329	2.00	ND	ND	ND	ND	ND	ND	ND	10.9	123
01/11/19 10:00 PM	15512	337	2.02	ND	ND	ND	ND	ND	ND	ND	11.9	129
01/11/19 10:30 PM	15971	342	2.04	ND	ND	ND	ND	ND	ND	ND	13.9	132
01/11/19 11:00 PM	16410	344	2.03	ND	ND	ND	ND	ND	ND	ND	14.8	133
01/11/19 11:30 PM	14289	234	1.73	ND	ND	ND	ND	ND	ND	ND	16.0	142
01/12/19 12:00 AM	9135	104	1.12	ND	ND	ND	ND	ND	ND	ND	10.9	188

## Daily Processed Summary (Average, Maximum)

Average	12270	319	2.10	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.2	113
Maximum Value	16410	344	2.78	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/12/19 12:30 AM	12286	170	1.51	ND	ND	ND	ND	ND	ND	ND	7.7	229
01/12/19 01:00 AM	13215	200	1.64	ND	ND	ND	ND	ND	ND	ND	6.8	209
01/12/19 01:30 AM	13646	227	1.75	ND	ND	ND	ND	ND	ND	ND	6.4	196
01/12/19 02:00 AM	14004	243	1.77	ND	ND	ND	ND	ND	ND	ND	4.8	213
01/12/19 02:30 AM	14367	247	1.80	ND	ND	ND	ND	ND	ND	ND	4.3	279
01/12/19 03:00 AM	11480	149	1.42	ND	ND	ND	ND	ND	ND	ND	3.6	268
01/12/19 03:30 AM	12741	175	1.61	ND	ND	ND	ND	ND	ND	ND	3.1	279
01/12/19 04:00 AM	14669	231	1.83	ND	ND	ND	ND	ND	ND	ND	3.1	232
01/12/19 04:30 AM	14702	242	1.86	ND	ND	ND	ND	ND	ND	ND	4.7	234
01/12/19 05:00 AM	12535	198	1.64	ND	ND	ND	ND	ND	ND	ND	5.0	238
01/12/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.8	249
01/12/19 06:00 AM	7372	91	1.13	ND	ND	ND	ND	ND	ND	ND	6.3	276
01/12/19 06:30 AM	9876	136	1.40	ND	ND	ND	ND	ND	ND	ND	6.3	278
01/12/19 07:00 AM	12577	216	1.81	ND	ND	ND	ND	ND	ND	ND	7.3	277
01/12/19 07:30 AM	13628	269	2.02	ND	ND	ND	ND	ND	ND	ND	10.0	299
01/12/19 08:00 AM	14059	290	2.06	ND	ND	ND	ND	ND	ND	ND	9.6	303
01/12/19 08:30 AM	14101	300	2.08	ND	ND	ND	ND	ND	ND	ND	10.1	311
01/12/19 09:00 AM	14355	311	2.12	ND	ND	ND	ND	ND	ND	ND	8.2	314
01/12/19 09:30 AM	14917	340	2.17	ND	ND	ND	ND	ND	ND	ND	10.3	309
01/12/19 10:00 AM	15112	352	2.17	ND	ND	ND	ND	ND	ND	ND	10.1	309
01/12/19 10:30 AM	14576	353	2.16	ND	ND	ND	ND	ND	ND	ND	11.3	317
01/12/19 11:00 AM	14156	353	2.15	ND	ND	ND	ND	ND	ND	ND	13.4	325
01/12/19 11:30 AM	14207	354	2.15	ND	ND	ND	ND	ND	ND	ND	13.6	333
01/12/19 12:00 PM	13980	355	2.15	ND	ND	ND	ND	ND	ND	ND	12.7	331
01/12/19 12:30 PM	13170	355	2.16	ND	ND	ND	ND	ND	ND	ND	12.7	326
01/12/19 01:00 PM	12534	356	2.16	ND	ND	ND	ND	ND	ND	ND	12.6	324
01/12/19 01:30 PM	11851	357	2.16	ND	ND	ND	ND	ND	ND	ND	11.8	328
01/12/19 02:00 PM	11901	356	2.15	ND	ND	ND	ND	ND	ND	ND	10.7	325
01/12/19 02:30 PM	11340	356	2.14	ND	ND	ND	ND	ND	ND	ND	12.1	337
01/12/19 03:00 PM	10815	356	2.14	ND	ND	ND	ND	ND	ND	ND	11.9	332
01/12/19 03:30 PM	9882	356	2.13	ND	ND	ND	ND	ND	ND	ND	11.4	330
01/12/19 04:00 PM	9640	356	2.13	ND	ND	ND	ND	ND	ND	ND	11.3	323
01/12/19 04:30 PM	9172	356	2.13	ND	ND	ND	ND	ND	ND	ND	11.8	325
01/12/19 05:00 PM	9674	355	2.13	ND	ND	ND	ND	ND	ND	ND	9.6	329
01/12/19 05:30 PM	9646	353	2.10	ND	ND	ND	ND	ND	ND	ND	9.8	338
01/12/19 06:00 PM	9923	352	2.11	ND	ND	ND	ND	ND	ND	ND	7.4	344
01/12/19 06:30 PM	9615	350	2.12	ND	ND	ND	ND	ND	ND	ND	8.6	295
01/12/19 07:00 PM	8780	349	2.15	ND	ND	ND	ND	ND	ND	ND	13.4	353
01/12/19 07:30 PM	8307	348	2.16	ND	ND	ND	ND	ND	ND	ND	11.7	352
01/12/19 08:00 PM	8240	348	2.15	ND	ND	ND	ND	ND	ND	ND	9.2	355
01/12/19 08:30 PM	8463	347	2.20	ND	ND	ND	ND	ND	ND	ND	7.1	122
01/12/19 09:00 PM	8487	346	2.22	ND	ND	ND	ND	ND	ND	ND	7.9	3
01/12/19 09:30 PM	8300	345	2.23	ND	ND	ND	ND	ND	ND	ND	9.7	63
01/12/19 10:00 PM	8087	346	2.23	ND	ND	ND	ND	ND	ND	ND	12.7	14
01/12/19 10:30 PM	7827	345	2.21	ND	ND	ND	ND	ND	ND	ND	14.2	12
01/12/19 11:00 PM	7632	343	2.22	ND	ND	ND	ND	ND	ND	ND	13.9	17
01/12/19 11:30 PM	7452	342	2.22	ND	ND	ND	ND	ND	ND	ND	15.3	15
01/13/19 12:00 AM	7180	341	2.22	ND	ND	ND	ND	ND	ND	ND	14.0	11

## Daily Processed Summary (Average, Maximum)

Average	11372	303	2.01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.9	327
Maximum Value	15112	357	2.23	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/13/19 12:30 AM	7174	341	2.21	ND	ND	ND	ND	ND	ND	ND	11.3	11
01/13/19 01:00 AM	7245	340	2.23	ND	ND	ND	ND	ND	ND	ND	9.4	8
01/13/19 01:30 AM	7156	339	2.23	ND	ND	ND	ND	ND	ND	ND	9.2	8
01/13/19 02:00 AM	7035	338	2.23	ND	ND	ND	ND	ND	ND	ND	10.5	6
01/13/19 02:30 AM	6848	338	2.22	ND	ND	ND	ND	ND	ND	ND	8.4	8
01/13/19 03:00 AM	6696	338	2.22	ND	ND	ND	ND	ND	ND	ND	7.7	6
01/13/19 03:30 AM	6584	338	2.22	ND	ND	ND	ND	ND	ND	ND	5.9	12
01/13/19 04:00 AM	6585	337	2.27	ND	ND	ND	ND	ND	ND	ND	6.4	120
01/13/19 04:30 AM	6602	337	2.27	ND	ND	ND	ND	ND	ND	ND	8.1	296
01/13/19 05:00 AM	6519	337	2.23	ND	ND	ND	ND	ND	ND	ND	8.3	355
01/13/19 05:30 AM	6577	337	2.24	ND	ND	ND	ND	ND	ND	ND	6.3	348
01/13/19 06:00 AM	6690	337	2.24	ND	ND	ND	ND	ND	ND	ND	7.4	343
01/13/19 06:30 AM	6648	336	2.25	ND	ND	ND	ND	ND	ND	ND	8.1	350
01/13/19 07:00 AM	6590	337	2.25	ND	ND	ND	ND	ND	ND	ND	7.4	234
01/13/19 07:30 AM	6505	335	2.26	ND	ND	ND	ND	ND	ND	ND	7.1	351
01/13/19 08:00 AM	6667	336	2.25	ND	ND	ND	ND	ND	ND	ND	8.0	350
01/13/19 08:30 AM	6590	338	2.25	ND	ND	ND	ND	ND	ND	ND	9.8	62
01/13/19 09:00 AM	6481	341	2.22	ND	ND	ND	ND	ND	ND	ND	11.0	67
01/13/19 09:30 AM	6276	342	2.21	ND	ND	ND	ND	ND	ND	ND	13.4	15
01/13/19 10:00 AM	6400	342	2.20	ND	ND	ND	ND	ND	ND	ND	13.1	17
01/13/19 10:30 AM	6513	342	2.19	ND	ND	ND	ND	ND	ND	ND	13.4	14
01/13/19 11:00 AM	6629	344	2.24	ND	ND	ND	ND	ND	ND	ND	12.6	19
01/13/19 11:30 AM	6859	345	2.25	ND	ND	ND	ND	ND	ND	ND	13.8	20
01/13/19 12:00 PM	6943	345	2.20	ND	ND	ND	ND	ND	ND	ND	13.0	13
01/13/19 12:30 PM	7052	346	2.20	ND	ND	ND	ND	ND	ND	ND	14.0	71
01/13/19 01:00 PM	7355	347	2.20	ND	ND	ND	ND	ND	ND	ND	12.9	16
01/13/19 01:30 PM	7362	347	2.19	ND	ND	ND	ND	ND	ND	ND	11.2	15
01/13/19 02:00 PM	7447	348	2.19	ND	ND	ND	ND	ND	ND	ND	12.1	19
01/13/19 02:30 PM	7479	349	2.19	ND	ND	ND	ND	ND	ND	ND	13.2	18
01/13/19 03:00 PM	7521	349	2.19	ND	ND	ND	ND	ND	ND	ND	11.9	19
01/13/19 03:30 PM	7459	349	2.19	ND	ND	ND	ND	ND	ND	ND	10.8	13
01/13/19 04:00 PM	7415	350	2.18	ND	ND	ND	ND	ND	ND	ND	10.7	125
01/13/19 04:30 PM	7292	350	2.18	ND	ND	ND	ND	ND	ND	ND	10.3	19
01/13/19 05:00 PM	7346	349	2.27	ND	ND	ND	ND	ND	ND	ND	9.8	22
01/13/19 05:30 PM	7444	348	2.20	ND	ND	ND	ND	ND	ND	ND	7.6	29
01/13/19 06:00 PM	7649	347	2.19	ND	ND	ND	ND	ND	ND	ND	5.0	36
01/13/19 06:30 PM	7734	346	2.21	ND	ND	ND	ND	ND	ND	ND	4.4	36
01/13/19 07:00 PM	7658	344	2.34	ND	ND	ND	ND	ND	ND	ND	5.1	27
01/13/19 07:30 PM	7762	345	2.53	ND	ND	ND	ND	ND	ND	ND	4.8	23
01/13/19 08:00 PM	7935	344	2.34	ND	ND	ND	ND	ND	ND	ND	5.4	15
01/13/19 08:30 PM	7862	342	2.33	ND	ND	ND	ND	ND	ND	ND	6.7	17
01/13/19 09:00 PM	7680	341	2.82	ND	ND	ND	ND	ND	ND	ND	7.4	20
01/13/19 09:30 PM	7731	340	2.34	ND	ND	ND	ND	ND	ND	ND	9.2	17
01/13/19 10:00 PM	7749	339	2.33	ND	ND	ND	ND	ND	ND	ND	8.2	15
01/13/19 10:30 PM	7516	339	2.27	ND	ND	ND	ND	ND	ND	ND	6.8	15
01/13/19 11:00 PM	7481	338	2.26	ND	ND	ND	ND	ND	ND	ND	7.2	16
01/13/19 11:30 PM	7492	338	2.26	ND	ND	ND	0.00351	ND	ND	ND	7.7	15
01/14/19 12:00 AM	7399	337	2.25	ND	ND	ND	ND	ND	ND	ND	8.1	10

Daily Processed Summary (Average, Maximum)

Average	7117	342	2.25	BDL	BDL	BDL	0.00007	BDL	BDL	BDL	7.9	18
Maximum Value	7935	350	2.82	BDL	BDL	BDL	0.00351	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/14/19 12:30 AM	7290	337	2.23	ND	ND	ND	ND	ND	ND	ND	7.6	15
01/14/19 01:00 AM	7300	337	2.22	ND	ND	ND	ND	ND	ND	ND	7.8	12
01/14/19 01:30 AM	7147	336	2.24	ND	ND	ND	ND	ND	ND	ND	8.4	12
01/14/19 02:00 AM	7029	336	2.25	ND	ND	ND	ND	ND	ND	ND	8.3	12
01/14/19 02:30 AM	6928	336	2.25	ND	ND	ND	ND	ND	ND	ND	9.1	13
01/14/19 03:00 AM	7011	337	2.23	ND	ND	ND	ND	ND	ND	ND	10.9	16
01/14/19 03:30 AM	6927	337	2.29	ND	ND	ND	ND	ND	ND	ND	12.4	20
01/14/19 04:00 AM	6799	336	2.24	ND	ND	ND	ND	ND	ND	ND	12.7	20
01/14/19 04:30 AM	6738	335	2.34	ND	ND	ND	ND	ND	ND	ND	12.4	25
01/14/19 05:00 AM	6553	336	2.30	ND	ND	ND	ND	ND	ND	ND	14.2	30
01/14/19 05:30 AM	6485	335	2.36	ND	ND	ND	ND	ND	ND	ND	14.3	24
01/14/19 06:00 AM	6479	336	2.38	ND	ND	ND	ND	ND	ND	ND	12.3	26
01/14/19 06:30 AM	6310	334	2.31	ND	ND	ND	ND	ND	ND	ND	13.9	28
01/14/19 07:00 AM	6302	335	2.23	ND	ND	ND	ND	ND	ND	ND	12.2	32
01/14/19 07:30 AM	6249	335	2.21	ND	ND	ND	ND	ND	ND	ND	11.7	32
01/14/19 08:00 AM	6245	335	2.27	ND	ND	ND	ND	ND	ND	ND	10.3	28
01/14/19 08:30 AM	6249	334	2.24	ND	ND	ND	ND	ND	ND	ND	12.1	18
01/14/19 09:00 AM	6133	336	2.26	ND	ND	ND	ND	ND	ND	ND	11.3	21
01/14/19 09:30 AM	6097	337	2.29	ND	ND	ND	ND	ND	ND	ND	10.2	24
01/14/19 10:00 AM	6120	339	2.25	ND	ND	ND	ND	ND	ND	ND	9.8	30
01/14/19 10:30 AM	6194	338	2.22	ND	ND	ND	ND	ND	ND	ND	9.0	29
01/14/19 11:00 AM	6226	339	2.23	ND	ND	ND	ND	ND	ND	ND	7.8	30
01/14/19 11:30 AM	6212	336	2.23	ND	ND	ND	ND	ND	ND	ND	8.1	31
01/14/19 12:00 PM	6240	326	2.24	ND	ND	ND	ND	ND	ND	ND	10.6	10
01/14/19 12:30 PM	6369	327	2.21	ND	ND	ND	ND	ND	ND	ND	10.7	18
01/14/19 01:00 PM	6403	328	2.18	ND	ND	ND	ND	ND	ND	ND	11.2	65
01/14/19 01:30 PM	6490	342	2.20	ND	ND	ND	ND	ND	ND	ND	10.0	11
01/14/19 02:00 PM	6597	342	2.20	ND	ND	ND	ND	ND	ND	ND	8.9	236
01/14/19 02:30 PM	6611	342	2.20	ND	ND	ND	ND	ND	ND	ND	8.2	234
01/14/19 03:00 PM	6697	343	2.20	ND	ND	ND	ND	ND	ND	ND	8.2	179
01/14/19 03:30 PM	6736	343	2.19	ND	ND	ND	ND	ND	ND	ND	8.8	73
01/14/19 04:00 PM	6826	343	2.18	ND	ND	ND	0.01108	ND	ND	ND	9.7	11
01/14/19 04:30 PM	6792	343	2.18	ND	ND	ND	ND	ND	ND	ND	9.8	122
01/14/19 05:00 PM	6853	342	2.18	ND	ND	ND	ND	ND	ND	ND	7.2	179
01/14/19 05:30 PM	6885	342	2.18	ND	ND	ND	ND	ND	ND	ND	6.1	353
01/14/19 06:00 PM	6989	342	2.18	ND	ND	ND	ND	ND	ND	ND	5.0	179
01/14/19 06:30 PM	7062	343	2.20	ND	ND	ND	ND	ND	ND	ND	3.7	184
01/14/19 07:00 PM	7262	343	2.22	ND	ND	ND	ND	ND	ND	ND	4.1	18
01/14/19 07:30 PM	7275	342	2.22	ND	ND	ND	ND	ND	ND	ND	4.0	65
01/14/19 08:00 PM	7427	342	2.23	ND	ND	ND	ND	ND	ND	ND	4.9	62
01/14/19 08:30 PM	7372	342	2.23	ND	ND	ND	ND	ND	ND	ND	5.4	181
01/14/19 09:00 PM	7465	343	2.23	ND	ND	ND	ND	ND	ND	ND	5.1	20
01/14/19 09:30 PM	7335	343	2.37	ND	ND	ND	ND	ND	ND	ND	4.7	23
01/14/19 10:00 PM	7303	344	2.53	ND	ND	ND	ND	ND	ND	ND	3.6	28
01/14/19 10:30 PM	7463	343	2.47	ND	ND	ND	ND	ND	ND	ND	4.6	16
01/14/19 11:00 PM	7531	343	2.20	ND	ND	ND	ND	ND	ND	ND	3.7	16
01/14/19 11:30 PM	7619	343	2.25	ND	ND	ND	ND	ND	ND	ND	4.0	129
01/15/19 12:00 AM	7521	344	2.22	ND	ND	ND	ND	ND	ND	ND	3.4	71

## Daily Processed Summary (Average, Maximum)

Average	6795	339	2.25	BDL	BDL	BDL	0.00023	BDL	BDL	BDL	6.2	29
Maximum Value	7619	344	2.53	BDL	BDL	BDL	0.01108	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/15/19 12:30 AM	7570	344	3.00	ND	ND	ND	ND	ND	ND	ND	3.8	28
01/15/19 01:00 AM	7720	344	2.66	ND	ND	ND	ND	ND	ND	ND	4.4	69
01/15/19 01:30 AM	7687	344	2.23	ND	ND	ND	ND	ND	ND	ND	4.7	11
01/15/19 02:00 AM	7644	343	2.23	ND	ND	ND	ND	ND	ND	ND	5.4	17
01/15/19 02:30 AM	7781	343	2.48	ND	ND	ND	ND	ND	ND	ND	4.9	20
01/15/19 03:00 AM	7813	343	2.87	ND	ND	ND	ND	ND	ND	ND	3.5	29
01/15/19 03:30 AM	7817	343	2.31	ND	ND	ND	ND	ND	ND	ND	2.2	27
01/15/19 04:00 AM	7942	343	2.31	ND	ND	ND	ND	ND	ND	ND	2.7	37
01/15/19 04:30 AM	8106	344	2.28	ND	ND	ND	ND	ND	ND	ND	3.4	34
01/15/19 05:00 AM	8148	344	2.27	ND	ND	ND	ND	ND	ND	ND	4.2	33
01/15/19 05:30 AM	8060	343	2.24	ND	ND	ND	ND	ND	ND	ND	4.1	37
01/15/19 06:00 AM	7995	343	2.21	ND	ND	ND	ND	ND	ND	ND	4.2	27
01/15/19 06:30 AM	8098	344	2.25	ND	ND	ND	ND	ND	ND	ND	5.2	22
01/15/19 07:00 AM	8199	344	2.54	ND	ND	ND	ND	ND	ND	ND	4.4	38
01/15/19 07:30 AM	8208	344	2.26	ND	ND	ND	ND	ND	ND	ND	4.2	46
01/15/19 08:00 AM	8295	345	2.30	ND	ND	ND	ND	ND	ND	ND	4.7	41
01/15/19 08:30 AM	8351	345	2.35	ND	ND	ND	ND	ND	ND	ND	5.0	33
01/15/19 09:00 AM	8395	345	2.37	ND	ND	ND	ND	ND	ND	ND	6.3	29
01/15/19 09:30 AM	8550	346	2.39	ND	ND	ND	ND	ND	ND	ND	6.7	6
01/15/19 10:00 AM	8684	345	2.39	ND	ND	ND	ND	ND	ND	ND	6.6	10
01/15/19 10:30 AM	8890	345	2.36	ND	ND	ND	ND	ND	ND	ND	6.3	23
01/15/19 11:00 AM	9087	346	2.37	ND	ND	ND	ND	ND	ND	ND	5.3	27
01/15/19 11:30 AM	9295	348	2.40	ND	ND	ND	ND	ND	ND	ND	4.8	27
01/15/19 12:00 PM	9491	347	2.40	ND	ND	ND	ND	ND	ND	ND	6.1	55
01/15/19 12:30 PM	9632	348	2.30	ND	ND	ND	ND	ND	ND	ND	5.2	57
01/15/19 01:00 PM	9816	347	2.29	ND	ND	ND	ND	ND	ND	ND	4.0	65
01/15/19 01:30 PM	9994	348	2.29	ND	ND	ND	ND	ND	ND	ND	2.7	101
01/15/19 02:00 PM	10170	348	2.26	ND	ND	ND	ND	ND	ND	ND	4.0	78
01/15/19 02:30 PM	10283	348	2.24	ND	ND	ND	ND	ND	ND	ND	4.2	60
01/15/19 03:00 PM	10409	347	2.26	ND	ND	ND	ND	ND	ND	ND	4.9	69
01/15/19 03:30 PM	10588	345	2.26	ND	ND	ND	ND	ND	ND	ND	4.5	80
01/15/19 04:00 PM	10688	343	2.23	ND	ND	ND	ND	ND	ND	ND	5.0	112
01/15/19 04:30 PM	10696	326	2.34	ND	ND	ND	ND	ND	ND	ND	5.5	97
01/15/19 05:00 PM	11100	311	2.17	ND	ND	ND	ND	ND	ND	ND	5.7	98
01/15/19 05:30 PM	11274	326	2.37	ND	ND	ND	ND	ND	ND	ND	5.5	109
01/15/19 06:00 PM	11091	321	2.24	ND	ND	ND	ND	ND	ND	ND	6.4	106
01/15/19 06:30 PM	11070	317	2.12	ND	ND	ND	ND	ND	ND	ND	7.4	110
01/15/19 07:00 PM	9295	213	1.83	ND	ND	ND	ND	ND	ND	ND	6.7	95
01/15/19 07:30 PM	8208	169	1.66	ND	ND	ND	ND	ND	ND	ND	6.1	94
01/15/19 08:00 PM	7860	151	1.71	ND	ND	ND	ND	ND	ND	ND	5.4	91
01/15/19 08:30 PM	7458	143	1.66	ND	ND	ND	ND	ND	ND	ND	5.9	98
01/15/19 09:00 PM	7853	147	1.66	ND	ND	ND	ND	ND	ND	ND	6.0	99
01/15/19 09:30 PM	7858	151	1.86	ND	ND	ND	ND	ND	ND	ND	5.7	102
01/15/19 10:00 PM	7726	LS	LS	ND	ND	ND	ND	ND	ND	ND	5.7	94
01/15/19 10:30 PM	6987	LS	LS	ND	ND	ND	ND	ND	ND	ND	5.6	86
01/15/19 11:00 PM	5343	LS	LS	ND	ND	ND	ND	ND	ND	ND		
01/15/19 11:30 PM	4731	LS	LS	ND	ND	ND	ND	ND	ND	ND		
01/16/19 12:00 AM	4128	LS	LS	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	8585	317	2.26	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.2	60
Maximum Value	11274	348	3.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/16/19 12:30 AM	3717	LS	LS	ND	ND	ND	ND	ND	ND	ND	5.0	76
01/16/19 01:00 AM	3866	LS	LS	ND	ND	ND	ND	ND	ND	ND	5.9	95
01/16/19 01:30 AM	4386	LS	LS	ND	ND	ND	ND	ND	ND	ND	5.6	96
01/16/19 02:00 AM	4098	LS	LS	ND	ND	ND	ND	ND	ND	ND	6.2	114
01/16/19 02:30 AM	5211	LS	LS	ND	ND	ND	ND	ND	ND	ND	7.6	122
01/16/19 03:00 AM	5048	LS	LS	ND	ND	ND	ND	ND	ND	ND	7.5	106
01/16/19 03:30 AM	5123	LS	LS	ND	ND	ND	ND	ND	ND	ND	6.1	84
01/16/19 04:00 AM	4754	LS	LS	ND	ND	ND	ND	ND	ND	ND	6.5	80
01/16/19 04:30 AM	4784	LS	LS	ND	ND	ND	ND	ND	ND	ND	4.7	66
01/16/19 05:00 AM	5339	LS	LS	ND	ND	ND	ND	ND	ND	ND	7.2	96
01/16/19 05:30 AM	5725	LS	LS	ND	ND	ND	ND	ND	ND	ND	6.9	84
01/16/19 06:00 AM	5596	LS	LS	ND	ND	ND	ND	ND	ND	ND	6.8	80
01/16/19 06:30 AM	5697	LS	LS	ND	ND	ND	ND	ND	ND	ND	5.8	69
01/16/19 07:00 AM	6159	LS	LS	ND	ND	ND	ND	ND	ND	ND	5.7	78
01/16/19 07:30 AM	5871	LS	LS	ND	ND	ND	ND	ND	ND	ND	6.0	77
01/16/19 08:00 AM	6343	LS	LS	ND	ND	ND	ND	ND	ND	ND	5.7	81
01/16/19 08:30 AM	6213	LS	LS	ND	ND	ND	ND	ND	ND	ND	5.6	74
01/16/19 09:00 AM	5941	LS	LS	ND	ND	ND	ND	ND	ND	ND	6.3	91
01/16/19 09:30 AM	4443	LS	LS	ND	ND	ND	ND	ND	ND	ND	9.5	100
01/16/19 10:00 AM	8156	LS	LS	ND	ND	ND	ND	ND	ND	ND	9.9	105
01/16/19 10:30 AM	11296	173	1.38	ND	ND	ND	ND	ND	ND	ND	10.2	113
01/16/19 11:00 AM	7927	LS	LS	ND	ND	ND	ND	ND	ND	ND	10.4	112
01/16/19 11:30 AM	7095	LS	LS	ND	ND	ND	ND	ND	ND	ND	11.1	112
01/16/19 12:00 PM	8983	LS	LS	ND	ND	ND	ND	ND	ND	ND	11.1	115
01/16/19 12:30 PM	10779	LS	LS	ND	ND	ND	ND	ND	ND	ND	11.2	114
01/16/19 01:00 PM	7033	LS	LS	ND	ND	ND	ND	ND	ND	ND	10.3	112
01/16/19 01:30 PM	10167	LS	LS	ND	ND	ND	ND	ND	ND	ND	11.0	114
01/16/19 02:00 PM	13066	201	1.71	ND	ND	ND	ND	ND	ND	ND	10.8	118
01/16/19 02:30 PM	10764	153	1.46	ND	ND	ND	ND	ND	ND	ND	10.2	115
01/16/19 03:00 PM	6804	LS	LS	ND	ND	ND	ND	ND	ND	ND	9.6	114
01/16/19 03:30 PM	7809	LS	LS	ND	ND	ND	ND	ND	ND	ND	9.6	116
01/16/19 04:00 PM	6629	LS	LS	ND	ND	ND	ND	ND	ND	ND	9.8	112
01/16/19 04:30 PM	6660	LS	LS	ND	ND	ND	ND	ND	ND	ND	8.1	116
01/16/19 05:00 PM	5453	LS	LS	ND	ND	ND	ND	ND	ND	ND	6.6	114
01/16/19 05:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.9	121
01/16/19 06:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.0	117
01/16/19 06:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.5	126
01/16/19 07:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.4	129
01/16/19 08:00 PM	7288	LS	LS	ND	ND	ND	ND	ND	ND	ND	9.4	128
01/16/19 08:30 PM	8984	LS	LS	ND	ND	ND	ND	ND	ND	ND	10.1	129
01/16/19 09:00 PM	11100	140	1.39	ND	ND	ND	ND	ND	ND	ND	12.9	139
01/16/19 09:30 PM	11949	150	1.43	ND	ND	ND	ND	ND	ND	ND	12.3	150
01/16/19 10:00 PM	13069	172	1.58	ND	ND	ND	ND	ND	ND	ND	10.7	159
01/16/19 10:30 PM	13304	184	1.60	ND	ND	ND	ND	ND	ND	ND	7.9	192
01/16/19 11:00 PM	11068	142	1.40	ND	ND	ND	ND	ND	ND	ND	4.5	198
01/16/19 11:30 PM	9844	LS	LS	ND	ND	ND	ND	ND	ND	ND	4.6	189
01/17/19 12:00 AM	6345	LS	LS	ND	ND	ND	ND	ND	ND	ND	5.2	218

Daily Processed Summary (Average, Maximum)

Average	7439	164	1.52	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.3	114
Maximum Value	13304	201	1.71	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/17/19 12:30 AM	6480	74	0.87	ND	ND	ND	ND	ND	ND	ND	5.0	211
01/17/19 01:00 AM	8353	103	1.12	ND	ND	ND	ND	ND	ND	ND	4.7	213
01/17/19 01:30 AM	9651	132	1.27	ND	ND	ND	ND	ND	ND	ND	4.6	229
01/17/19 02:00 AM	11214	166	1.56	ND	ND	ND	ND	ND	ND	ND	5.7	239
01/17/19 02:30 AM	12667	213	1.89	ND	ND	ND	ND	ND	ND	ND	7.2	240
01/17/19 03:00 AM	12130	202	1.87	ND	ND	ND	ND	ND	ND	ND	5.5	238
01/17/19 03:30 AM	11974	199	1.87	ND	ND	ND	ND	ND	ND	ND	6.0	250
01/17/19 04:00 AM	12274	216	1.94	ND	ND	ND	ND	ND	ND	ND	6.0	255
01/17/19 04:30 AM	12355	232	1.95	ND	ND	ND	ND	ND	ND	ND	6.4	265
01/17/19 05:00 AM	12155	225	1.97	ND	ND	ND	ND	ND	ND	ND	7.4	268
01/17/19 05:30 AM	12360	240	2.05	ND	ND	ND	ND	ND	ND	ND	7.8	278
01/17/19 06:00 AM	12486	251	2.03	ND	ND	ND	ND	ND	ND	ND	7.4	281
01/17/19 06:30 AM	12502	261	2.07	ND	ND	ND	ND	ND	ND	ND	7.2	278
01/17/19 07:00 AM	12675	271	2.10	ND	ND	ND	ND	ND	ND	ND	5.6	260
01/17/19 07:30 AM	12793	277	2.13	ND	ND	ND	ND	ND	ND	ND	4.8	260
01/17/19 08:00 AM	12819	283	2.13	ND	ND	ND	ND	ND	ND	ND	5.8	254
01/17/19 08:30 AM	13070	291	2.23	ND	ND	ND	ND	ND	ND	ND	6.7	258
01/17/19 09:00 AM	13199	302	2.12	ND	ND	ND	ND	ND	ND	ND	8.2	258
01/17/19 09:30 AM	13479	312	2.15	ND	ND	ND	ND	ND	ND	ND	7.8	257
01/17/19 10:00 AM	13633	322	2.18	ND	ND	ND	ND	ND	ND	ND	8.5	258
01/17/19 10:30 AM	13922	331	2.22	ND	ND	ND	ND	ND	ND	ND	8.2	270
01/17/19 11:00 AM	14094	339	2.24	ND	ND	ND	ND	ND	ND	ND	8.5	269
01/17/19 11:30 AM	14135	344	2.31	ND	ND	ND	ND	ND	ND	ND	8.7	253
01/17/19 12:00 PM	14323	348	2.28	ND	ND	ND	ND	ND	ND	ND	8.3	267
01/17/19 12:30 PM	14573	352	2.28	ND	ND	ND	ND	ND	ND	ND	7.8	261
01/17/19 01:00 PM	14812	353	2.29	ND	ND	ND	ND	ND	ND	ND	8.3	262
01/17/19 01:30 PM	14916	353	2.25	ND	ND	ND	ND	ND	ND	ND	8.5	275
01/17/19 02:00 PM	15047	353	2.25	ND	ND	ND	ND	ND	ND	ND	8.7	270
01/17/19 02:30 PM	15224	353	2.26	ND	ND	ND	ND	ND	ND	ND	7.2	272
01/17/19 03:00 PM	15283	354	2.27	ND	ND	ND	ND	ND	ND	ND	6.9	270
01/17/19 03:30 PM	14987	354	2.28	ND	ND	ND	ND	ND	ND	ND	6.3	267
01/17/19 04:00 PM	15098	354	2.32	ND	ND	ND	ND	ND	ND	ND	5.6	263
01/17/19 04:30 PM	15046	354	2.37	ND	ND	ND	ND	ND	ND	ND	4.9	258
01/17/19 05:00 PM	15014	354	2.37	ND	ND	ND	ND	ND	ND	ND	4.0	267
01/17/19 05:30 PM	14913	353	2.36	ND	ND	ND	ND	ND	ND	ND	3.8	268
01/17/19 06:00 PM	14802	352	2.35	ND	ND	ND	ND	ND	ND	ND	4.3	270
01/17/19 06:30 PM	14768	352	2.37	ND	ND	ND	ND	ND	ND	ND	4.0	281
01/17/19 07:00 PM	14767	351	2.45	ND	ND	ND	ND	ND	ND	ND	3.5	286
01/17/19 07:30 PM	14638	351	2.44	ND	ND	ND	ND	ND	ND	ND	2.1	284
01/17/19 08:00 PM	14457	352	2.48	ND	ND	ND	ND	ND	ND	ND	3.0	267
01/17/19 08:30 PM	14219	352	2.43	ND	ND	ND	ND	ND	ND	ND	2.6	192
01/17/19 09:00 PM	14166	353	2.51	ND	ND	ND	ND	ND	ND	ND	3.5	194
01/17/19 09:30 PM	14098	353	2.46	ND	ND	ND	ND	ND	ND	ND	4.1	197
01/17/19 10:00 PM	14079	354	2.50	ND	ND	ND	ND	ND	ND	ND	3.2	220
01/17/19 10:30 PM	14164	353	2.57	ND	ND	ND	ND	ND	ND	ND	3.1	220
01/17/19 11:00 PM	14284	353	2.44	ND	ND	ND	ND	ND	ND	ND		
01/17/19 11:30 PM	14508	352	2.36	ND	ND	ND	ND	ND	ND	ND		
01/17/19 12:00 AM	14513	354	2.36	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	13482	300	2.16	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.8	259
Maximum Value	15283	354	2.57	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/18/19 12:30 AM	14402	354	2.36	ND	ND	ND	ND	ND	ND	ND	2.6	234
01/18/19 01:00 AM	14372	354	2.36	ND	ND	ND	ND	ND	ND	ND	3.0	227
01/18/19 01:30 AM	14322	354	2.37	ND	ND	ND	ND	ND	ND	ND	1.7	236
01/18/19 02:00 AM	14329	355	2.39	ND	ND	ND	ND	ND	ND	ND	1.3	143
01/18/19 02:30 AM	14493	355	2.76	ND	ND	ND	ND	ND	ND	ND	1.7	217
01/18/19 03:00 AM	14616	356	2.58	ND	ND	ND	ND	ND	ND	ND	2.8	53
01/18/19 03:30 AM	14397	355	2.59	ND	ND	ND	ND	ND	ND	ND	3.5	65
01/18/19 04:00 AM	14336	355	2.50	ND	ND	ND	ND	ND	ND	ND	3.1	120
01/18/19 04:30 AM	14419	355	2.45	ND	ND	ND	ND	ND	ND	ND	3.1	37
01/18/19 05:00 AM	14563	355	2.60	ND	ND	ND	ND	ND	ND	ND	3.7	60
01/18/19 05:30 AM	14625	355	2.51	ND	ND	ND	ND	ND	ND	ND	3.2	46
01/18/19 06:00 AM	14464	337	2.45	ND	ND	ND	ND	ND	ND	ND	4.0	63
01/18/19 06:30 AM	8774	132	1.51	ND	ND	ND	ND	ND	ND	ND	4.6	85
01/18/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.1	90
01/18/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.1	103
01/18/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.3	116
01/18/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.5	114
01/18/19 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.9	113
01/18/19 09:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.8	121
01/18/19 10:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.2	120
01/18/19 10:30 AM	9072	102	1.20	ND	ND	ND	ND	ND	ND	ND	8.6	125
01/18/19 11:00 AM	9055	97	1.12	ND	ND	ND	ND	ND	ND	ND	8.7	126
01/18/19 11:30 AM	10817	115	1.30	ND	ND	ND	ND	ND	ND	ND	12.0	146
01/18/19 12:00 PM	13625	153	1.53	ND	ND	ND	ND	ND	ND	ND	11.7	150
01/18/19 12:30 PM	15490	195	1.72	ND	ND	ND	ND	ND	ND	ND	10.7	155
01/18/19 01:00 PM	17016	234	1.86	ND	ND	ND	ND	ND	ND	ND	12.5	169
01/18/19 01:30 PM	17849	259	1.93	ND	ND	ND	ND	ND	ND	ND	16.1	163
01/18/19 02:00 PM	18366	277	1.93	ND	ND	ND	ND	ND	ND	ND	14.0	167
01/18/19 02:30 PM	19333	297	1.94	ND	ND	ND	ND	ND	ND	ND	19.8	170
01/18/19 03:00 PM	19691	314	1.98	ND	ND	ND	ND	ND	ND	ND	16.1	177
01/18/19 03:30 PM	20026	328	2.02	ND	ND	ND	ND	ND	ND	ND	9.6	195
01/18/19 04:00 PM	19784	337	2.03	ND	ND	ND	ND	ND	ND	ND	8.8	192
01/18/19 04:30 PM	20256	340	2.03	ND	ND	ND	ND	ND	ND	ND	10.4	189
01/18/19 05:00 PM	20548	343	2.06	ND	ND	ND	ND	ND	ND	ND	12.1	182
01/18/19 05:30 PM	20594	344	2.06	ND	ND	ND	ND	ND	ND	ND	13.1	176
01/18/19 06:00 PM	20471	345	2.06	ND	ND	ND	ND	ND	ND	ND	13.8	176
01/18/19 06:30 PM	20457	346	2.05	ND	ND	ND	ND	ND	ND	ND	13.2	177
01/18/19 07:00 PM	20364	346	2.06	ND	ND	ND	ND	ND	ND	ND	12.3	173
01/18/19 07:30 PM	20317	346	2.04	ND	ND	ND	ND	ND	ND	ND	14.7	175
01/18/19 08:00 PM	20071	347	2.04	ND	ND	ND	ND	ND	ND	ND	16.2	174
01/18/19 08:30 PM	19973	347	2.04	ND	ND	ND	ND	ND	ND	ND	14.3	178
01/18/19 09:00 PM	20060	349	2.05	ND	ND	ND	ND	ND	ND	ND	17.3	181
01/18/19 09:30 PM	19914	350	2.04	ND	ND	ND	ND	ND	ND	ND	17.5	186
01/18/19 10:00 PM	19725	350	2.04	ND	ND	ND	ND	ND	ND	ND	13.9	189
01/18/19 10:30 PM	19359	348	2.04	ND	ND	ND	ND	ND	ND	ND	10.0	196
01/18/19 11:00 PM	19233	348	2.02	ND	ND	ND	ND	ND	ND	ND	10.4	196
01/18/19 11:30 PM	18903	348	2.02	ND	ND	ND	ND	ND	ND	ND	9.1	201
01/19/19 12:00 AM	18799	348	2.02	ND	ND	ND	ND	ND	ND	ND	8.1	200

Daily Processed Summary (Average, Maximum)

Average	16860	308	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.5	166
Maximum Value	20594	356	2.76	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/19/19 12:30 AM	18626	348	2.03	ND	ND	ND	ND	ND	ND	ND	8.3	199
01/19/19 01:00 AM	18572	347	2.03	ND	ND	ND	ND	ND	ND	ND	8.2	201
01/19/19 01:30 AM	18533	347	2.02	ND	ND	ND	ND	ND	ND	ND	10.3	200
01/19/19 02:00 AM	18540	348	2.03	ND	ND	ND	ND	ND	ND	ND	11.9	203
01/19/19 02:30 AM	18660	348	2.05	ND	ND	ND	ND	ND	ND	ND	11.2	252
01/19/19 03:00 AM	18903	348	2.05	ND	ND	ND	ND	ND	ND	ND	11.7	262
01/19/19 03:30 AM	16979	338	2.09	ND	ND	ND	ND	ND	ND	ND	14.7	296
01/19/19 04:00 AM	15199	351	2.12	ND	ND	ND	ND	ND	ND	ND	7.0	319
01/19/19 04:30 AM	15430	352	2.13	ND	ND	ND	ND	ND	ND	ND	3.6	255
01/19/19 05:00 AM	15241	351	2.12	ND	ND	ND	ND	ND	ND	ND	5.5	247
01/19/19 05:30 AM	15047	351	2.11	ND	ND	ND	ND	ND	ND	ND	5.7	244
01/19/19 06:00 AM	14733	351	2.14	ND	ND	ND	ND	ND	ND	ND	9.2	281
01/19/19 06:30 AM	10669	355	2.18	ND	ND	ND	ND	ND	ND	ND	22.8	321
01/19/19 07:00 AM	8677	354	2.25	ND	ND	ND	ND	ND	ND	ND	23.2	331
01/19/19 07:30 AM	7637	353	2.31	ND	ND	ND	ND	ND	ND	ND	23.6	327
01/19/19 08:00 AM	7027	352	2.31	ND	ND	ND	ND	ND	ND	ND	20.9	316
01/19/19 08:30 AM	7065	352	2.32	ND	ND	ND	ND	ND	ND	ND	18.6	318
01/19/19 09:00 AM	6927	355	2.33	ND	ND	ND	ND	ND	ND	ND	24.2	325
01/19/19 09:30 AM	6721	356	2.34	ND	ND	ND	ND	ND	ND	ND	27.4	328
01/19/19 10:00 AM	6689	355	2.31	ND	ND	ND	ND	ND	ND	ND	25.0	329
01/19/19 10:30 AM	6658	355	2.32	ND	ND	ND	ND	ND	ND	ND	22.5	324
01/19/19 11:00 AM	6545	355	2.29	ND	ND	ND	ND	ND	ND	ND	23.8	318
01/19/19 11:30 AM	6395	355	2.28	ND	ND	ND	ND	ND	ND	ND	26.3	321
01/19/19 12:00 PM	5894	354	2.27	ND	ND	ND	ND	ND	ND	ND	28.3	328
01/19/19 12:30 PM	5992	354	2.24	ND	ND	ND	ND	ND	ND	ND	24.9	325
01/19/19 01:00 PM	6057	354	2.23	ND	ND	ND	ND	ND	ND	ND	24.1	318
01/19/19 01:30 PM	5989	354	2.22	ND	ND	ND	ND	ND	ND	ND	25.3	320
01/19/19 02:00 PM	5932	354	2.22	ND	ND	ND	ND	ND	ND	ND	23.8	321
01/19/19 02:30 PM	5890	354	2.21	ND	ND	ND	ND	ND	ND	ND	23.2	319
01/19/19 03:00 PM	5851	354	2.19	ND	ND	ND	ND	ND	ND	ND	22.8	324
01/19/19 03:30 PM	5934	354	2.17	ND	ND	ND	ND	ND	ND	ND	23.2	322
01/19/19 04:00 PM	5795	354	2.16	ND	ND	ND	ND	ND	ND	ND	22.0	329
01/19/19 04:30 PM	5562	354	2.16	ND	ND	ND	ND	ND	ND	ND	22.3	317
01/19/19 05:00 PM	5616	353	2.15	ND	ND	ND	ND	ND	ND	ND	22.8	326
01/19/19 05:30 PM	5348	352	2.16	ND	ND	ND	ND	ND	ND	ND	18.2	328
01/19/19 06:00 PM	5412	350	2.14	ND	ND	ND	ND	ND	ND	ND	13.4	341
01/19/19 06:30 PM	5504	349	2.15	ND	ND	ND	ND	ND	ND	ND	11.4	346
01/19/19 07:00 PM	5450	346	2.15	ND	ND	ND	ND	ND	ND	ND	13.7	344
01/19/19 07:30 PM	5053	345	2.14	ND	ND	ND	ND	ND	ND	ND	14.4	350
01/19/19 08:00 PM	4978	345	2.14	ND	ND	ND	ND	ND	ND	ND	11.5	351
01/19/19 08:30 PM	4888	344	2.14	ND	ND	ND	ND	ND	ND	ND	14.2	349
01/19/19 09:00 PM	4731	345	2.15	ND	ND	ND	ND	ND	ND	ND	14.4	348
01/19/19 09:30 PM	4876	342	2.16	ND	ND	ND	ND	ND	ND	ND	15.8	353
01/19/19 10:00 PM	4772	341	2.17	ND	ND	ND	ND	ND	ND	ND	13.2	354
01/19/19 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	ND	9.8
01/19/19 11:00 PM	4840	339	2.18	ND	ND	ND	ND	ND	ND	ND	9.7	347
01/19/19 11:30 PM	4951	339	2.17	ND	ND	ND	ND	ND	ND	ND	10.7	344
01/20/19 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline		

Daily Processed Summary (Average, Maximum)

Average	8930	350	2.18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	15.0	322
Maximum Value	18903	356	2.34	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/20/19 12:30 AM	4548	338	2.18	ND	ND	ND	ND	ND	ND	ND	11.6	344
01/20/19 01:00 AM	4680	338	2.18	ND	ND	ND	ND	ND	ND	ND	11.1	340
01/20/19 01:30 AM	4665	338	2.18	ND	ND	ND	ND	ND	ND	ND	10.0	337
01/20/19 02:00 AM	4678	337	2.17	ND	ND	ND	ND	ND	ND	ND	10.3	344
01/20/19 02:30 AM	4505	337	2.16	ND	ND	ND	ND	ND	ND	ND	11.0	348
01/20/19 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	341
01/20/19 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.9	344
01/20/19 04:00 AM	4210	336	2.15	ND	ND	ND	ND	ND	ND	ND	10.6	348
01/20/19 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	295
01/20/19 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	353
01/20/19 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	346
01/20/19 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	349
01/20/19 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	343
01/20/19 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	342
01/20/19 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	341
01/20/19 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	344
01/20/19 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	346
01/20/19 09:00 AM	4253	339	2.17	ND	ND	ND	ND	ND	ND	ND	12.6	353
01/20/19 09:30 AM	4323	339	2.19	ND	ND	ND	ND	ND	ND	ND	13.2	354
01/20/19 10:00 AM	4390	340	2.19	ND	ND	ND	ND	ND	ND	ND	13.2	175
01/20/19 10:30 AM	4308	341	2.19	ND	ND	ND	ND	ND	ND	ND	12.6	66
01/20/19 11:00 AM	4358	341	2.19	ND	ND	ND	ND	ND	ND	ND	12.6	66
01/20/19 11:30 AM	4280	342	2.18	ND	ND	ND	ND	ND	ND	ND	11.3	125
01/20/19 12:00 PM	4063	344	2.18	ND	ND	ND	ND	ND	ND	ND	11.9	353
01/20/19 12:30 PM	4071	346	2.18	ND	ND	ND	ND	ND	ND	ND	12.8	71
01/20/19 01:00 PM	4244	346	2.18	ND	ND	ND	ND	ND	ND	ND	11.6	19
01/20/19 01:30 PM	4437	346	2.16	ND	ND	ND	ND	ND	ND	ND	12.9	15
01/20/19 02:00 PM	4609	347	2.16	ND	ND	ND	ND	ND	ND	ND	11.2	18
01/20/19 02:30 PM	4715	346	2.15	ND	ND	ND	ND	ND	ND	ND	9.2	17
01/20/19 03:00 PM	4744	347	2.14	ND	ND	ND	ND	ND	ND	ND	8.7	81
01/20/19 03:30 PM	4795	347	2.16	ND	ND	ND	ND	ND	ND	ND	7.7	29
01/20/19 04:00 PM	4741	347	2.12	ND	ND	ND	ND	ND	ND	ND	8.4	21
01/20/19 04:30 PM	4732	347	2.13	ND	ND	ND	ND	ND	ND	ND	8.0	52
01/20/19 05:00 PM	4916	347	2.12	ND	ND	ND	ND	ND	ND	ND	7.2	56
01/20/19 05:30 PM	5018	346	2.12	ND	ND	ND	ND	ND	ND	ND	6.6	63
01/20/19 06:00 PM	5160	346	2.14	ND	ND	ND	ND	ND	ND	ND	4.0	66
01/20/19 06:30 PM	5320	345	2.20	ND	ND	ND	ND	ND	ND	ND	1.4	266
01/20/19 07:00 PM	5253	342	2.56	ND	ND	ND	ND	ND	ND	ND	1.8	142
01/20/19 07:30 PM	5471	343	2.52	ND	ND	ND	ND	ND	ND	ND	2.0	195
01/20/19 08:00 PM	5212	343	2.25	ND	ND	ND	ND	ND	ND	ND	1.4	180
01/20/19 08:30 PM	5647	343	2.89	ND	ND	ND	ND	ND	ND	ND	1.3	236
01/20/19 09:00 PM	6574	342	2.50	ND	ND	ND	ND	ND	ND	ND	2.2	312
01/20/19 09:30 PM	7265	343	3.02	ND	ND	ND	ND	ND	ND	ND	2.1	117
01/20/19 10:00 PM	6959	342	3.12	ND	ND	ND	ND	ND	ND	ND	2.5	25
01/20/19 10:30 PM	6366	340	3.39	ND	ND	ND	ND	ND	ND	ND	3.0	71
01/20/19 11:00 PM	5805	339	2.98	ND	ND	ND	ND	ND	ND	ND	4.3	88
01/20/19 11:30 PM	5840	337	2.49	ND	ND	ND	ND	ND	ND	ND	4.2	105
01/21/19 12:00 AM	5671	339	2.38	ND	ND	ND	ND	ND	ND	ND	4.6	116

Daily Processed Summary (Average, Maximum)

Average	4995	342	2.33	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.2	9
Maximum Value	7265	347	3.39	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VOI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/21/19 12:30 AM	5546	339	2.64	ND	ND	ND	ND	ND	ND	ND	3.6	133
01/21/19 01:00 AM	6271	339	2.43	ND	ND	ND	ND	ND	ND	ND	2.4	132
01/21/19 01:30 AM	6538	341	2.63	ND	ND	ND	ND	ND	ND	ND	1.7	120
01/21/19 02:00 AM	6785	339	2.77	ND	ND	ND	ND	ND	ND	ND	4.9	103
01/21/19 02:30 AM	7003	341	2.56	ND	ND	ND	ND	ND	ND	ND	5.3	113
01/21/19 03:00 AM	7261	341	2.37	ND	ND	ND	ND	ND	ND	ND	6.5	112
01/21/19 03:30 AM	7323	340	2.29	ND	ND	ND	ND	ND	ND	ND	5.9	116
01/21/19 04:00 AM	7238	341	3.11	ND	ND	ND	ND	ND	ND	ND	4.6	99
01/21/19 04:30 AM	7280	341	2.36	ND	ND	ND	ND	ND	ND	ND	4.7	105
01/21/19 05:00 AM	7470	340	2.36	ND	ND	ND	ND	ND	ND	ND	3.8	107
01/21/19 05:30 AM	7569	338	2.57	ND	ND	ND	ND	ND	ND	ND	4.7	82
01/21/19 06:00 AM	7717	334	2.55	ND	ND	ND	ND	ND	ND	ND	4.6	80
01/21/19 06:30 AM	7733	333	2.25	ND	ND	ND	ND	ND	ND	ND	4.8	77
01/21/19 07:00 AM	7674	331	2.56	ND	ND	ND	ND	ND	ND	ND	3.0	105
01/21/19 07:30 AM	7815	330	2.40	ND	ND	ND	ND	ND	ND	ND	2.8	96
01/21/19 08:00 AM	8086	336	2.71	ND	ND	ND	ND	ND	ND	ND	5.7	89
01/21/19 08:30 AM	8720	339	2.48	ND	ND	ND	ND	ND	ND	ND	5.9	95
01/21/19 09:00 AM	9853	341	2.48	ND	ND	ND	ND	ND	ND	ND	6.1	110
01/21/19 09:30 AM	10719	344	2.15	ND	ND	ND	ND	ND	ND	ND	7.2	121
01/21/19 10:00 AM	10692	346	2.10	ND	ND	ND	ND	ND	ND	ND	12.1	137
01/21/19 10:30 AM	10854	349	2.09	ND	ND	ND	ND	ND	ND	ND	13.6	142
01/21/19 11:00 AM	10753	351	2.09	ND	ND	ND	ND	ND	ND	ND	14.3	146
01/21/19 11:30 AM	10803	351	2.07	ND	ND	ND	ND	ND	ND	ND	17.3	147
01/21/19 12:00 PM	11110	352	2.09	ND	ND	ND	ND	ND	ND	ND	15.6	147
01/21/19 12:30 PM	11237	352	2.07	ND	ND	ND	ND	ND	ND	ND	15.1	142
01/21/19 01:00 PM	11544	353	2.08	ND	ND	ND	ND	ND	ND	ND	14.9	146
01/21/19 01:30 PM	11711	353	2.08	ND	ND	ND	ND	ND	ND	ND	15.1	143
01/21/19 02:00 PM	11712	352	2.07	ND	ND	ND	ND	ND	ND	ND	15.5	148
01/21/19 02:30 PM	11855	352	2.07	ND	ND	ND	ND	ND	ND	ND	15.4	141
01/21/19 03:00 PM	11931	352	2.07	ND	ND	ND	ND	ND	ND	ND	16.0	138
01/21/19 03:30 PM	12115	351	2.07	ND	ND	ND	ND	ND	ND	ND	15.6	140
01/21/19 04:00 PM	12276	351	2.07	ND	ND	ND	ND	ND	ND	ND	15.2	137
01/21/19 04:30 PM	12373	351	2.06	ND	ND	ND	ND	ND	ND	ND	14.7	136
01/21/19 05:00 PM	12560	351	2.07	ND	ND	ND	ND	ND	ND	ND	13.8	134
01/21/19 05:30 PM	12482	349	2.06	ND	ND	ND	ND	ND	ND	ND	12.5	130
01/21/19 06:00 PM	12493	347	2.06	ND	ND	ND	ND	ND	ND	ND	11.4	131
01/21/19 06:30 PM	12701	345	2.06	ND	ND	ND	ND	ND	ND	ND	11.5	132
01/21/19 07:00 PM	12804	345	2.06	ND	ND	ND	ND	ND	ND	ND	12.1	134
01/21/19 07:30 PM	12781	345	2.06	ND	ND	ND	ND	ND	ND	ND	13.5	135
01/21/19 08:00 PM	12629	347	2.04	ND	ND	ND	ND	ND	ND	ND	14.1	139
01/21/19 08:30 PM	12461	347	2.05	ND	ND	ND	ND	ND	ND	ND	14.2	143
01/21/19 09:00 PM	12493	347	2.06	ND	ND	ND	ND	ND	ND	ND	13.3	141
01/21/19 09:30 PM	12751	349	2.06	ND	ND	ND	ND	ND	ND	ND	16.6	145
01/21/19 10:00 PM	12941	348	2.06	ND	ND	ND	ND	ND	ND	ND	14.8	144
01/21/19 10:30 PM	13180	349	2.07	ND	ND	ND	ND	ND	ND	ND	16.2	151
01/21/19 11:00 PM	13631	354	2.09	ND	ND	ND	ND	ND	ND	ND	17.7	161
01/21/19 11:30 PM	13502	355	2.10	ND	ND	ND	ND	ND	ND	ND		
01/22/19 12:00 AM	13470	356	2.08	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	10384	345	2.24	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.2	135
Maximum Value	13631	356	3.11	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/22/19 12:30 AM	13564	351	2.08	ND	ND	ND	ND	ND	ND	ND	17.0	167
01/22/19 01:00 AM	13509	351	2.07	ND	ND	ND	ND	ND	ND	ND	16.6	167
01/22/19 01:30 AM	13715	354	2.09	ND	ND	ND	ND	ND	ND	ND	17.5	161
01/22/19 02:00 AM	13839	353	2.08	ND	ND	ND	ND	ND	ND	ND	19.2	160
01/22/19 02:30 AM	13819	357	2.08	ND	ND	ND	ND	ND	ND	ND	20.2	158
01/22/19 03:00 AM	13418	351	2.07	ND	ND	ND	ND	ND	ND	ND	19.2	164
01/22/19 03:30 AM	13901	352	2.09	ND	ND	ND	ND	ND	ND	ND	17.8	162
01/22/19 04:00 AM	14108	348	2.07	ND	ND	ND	ND	ND	ND	ND	14.8	173
01/22/19 04:30 AM	14053	347	2.06	ND	ND	ND	ND	ND	ND	ND	13.0	174
01/22/19 05:00 AM	13778	350	2.06	ND	ND	ND	ND	ND	ND	ND	17.6	168
01/22/19 05:30 AM	14121	351	2.06	ND	ND	ND	ND	ND	ND	ND	18.7	164
01/22/19 06:00 AM	14712	355	2.08	ND	ND	ND	ND	ND	ND	ND	19.8	159
01/22/19 06:30 AM	14724	351	2.07	ND	ND	ND	ND	ND	ND	ND	17.1	166
01/22/19 07:00 AM	15045	349	2.06	ND	ND	ND	ND	ND	ND	ND	14.0	167
01/22/19 07:30 AM	15233	351	2.07	ND	ND	ND	ND	ND	ND	ND	14.7	163
01/22/19 08:00 AM	15327	352	2.07	ND	ND	ND	ND	ND	ND	ND	15.4	159
01/22/19 08:30 AM	15493	354	2.07	ND	ND	ND	ND	ND	ND	ND	16.7	159
01/22/19 09:00 AM	15497	348	2.04	ND	ND	ND	ND	ND	ND	ND	15.5	170
01/22/19 09:30 AM	15704	348	2.05	ND	ND	ND	ND	ND	ND	ND	16.3	168
01/22/19 10:00 AM	15402	347	2.04	ND	ND	ND	ND	ND	ND	ND	16.0	173
01/22/19 10:30 AM	15340	348	2.04	ND	ND	ND	ND	ND	ND	ND	18.9	174
01/22/19 11:00 AM	15663	349	2.04	ND	ND	ND	ND	ND	ND	ND	18.5	170
01/22/19 11:30 AM	15841	348	2.04	ND	ND	ND	ND	ND	ND	ND	20.7	172
01/22/19 12:00 PM	15939	349	2.04	ND	0.00118	ND	ND	ND	ND	ND	21.1	171
01/22/19 12:30 PM	16226	348	2.03	ND	ND	ND	ND	ND	ND	ND	19.1	172
01/22/19 01:00 PM	16527	347	2.04	ND	ND	ND	ND	ND	ND	ND	16.8	173
01/22/19 01:30 PM	16646	347	2.03	ND	ND	ND	ND	ND	ND	ND	18.1	171
01/22/19 02:00 PM	16928	348	2.04	ND	ND	ND	ND	ND	ND	ND	21.6	168
01/22/19 02:30 PM	17012	348	2.03	ND	ND	ND	ND	ND	ND	ND	22.8	170
01/22/19 03:00 PM	17099	349	2.03	ND	ND	ND	ND	ND	ND	ND	20.4	170
01/22/19 03:30 PM	16972	348	2.04	ND	ND	ND	ND	ND	ND	ND	18.6	167
01/22/19 04:00 PM	17090	347	2.04	ND	ND	ND	ND	ND	ND	ND	17.2	172
01/22/19 04:30 PM	17076	345	2.04	ND	ND	ND	ND	ND	ND	ND	16.5	170
01/22/19 05:00 PM	17303	349	2.06	ND	ND	ND	ND	ND	ND	ND	18.6	158
01/22/19 05:30 PM	17469	350	2.07	ND	ND	ND	ND	ND	ND	ND	12.5	151
01/22/19 06:00 PM	17571	345	2.05	ND	ND	ND	ND	ND	ND	ND	11.5	142
01/22/19 06:30 PM	17356	339	2.04	ND	ND	ND	ND	ND	ND	ND	8.6	121
01/22/19 07:00 PM	17311	336	2.07	ND	ND	ND	ND	ND	ND	ND	7.0	103
01/22/19 07:30 PM	17033	334	2.23	ND	ND	ND	ND	ND	ND	ND	6.4	96
01/22/19 08:00 PM	17057	330	2.14	ND	ND	ND	ND	ND	ND	ND	6.4	83
01/22/19 08:30 PM	16632	298	2.02	ND	ND	ND	ND	ND	ND	ND	7.7	104
01/22/19 09:00 PM	17019	313	1.99	ND	ND	ND	ND	ND	ND	ND	6.6	107
01/22/19 09:30 PM	17089	308	2.24	ND	ND	ND	ND	ND	ND	ND	3.7	122
01/22/19 10:00 PM	17292	311	2.14	ND	ND	ND	ND	ND	ND	ND	9.3	160
01/22/19 10:30 PM	18246	322	2.02	ND	ND	0.01022	ND	ND	ND	ND	9.0	157
01/22/19 11:00 PM	18135	326	2.01	ND	ND	ND	ND	ND	ND	ND	8.7	177
01/22/19 11:30 PM	18113	325	2.02	ND	ND	ND	ND	ND	ND	ND	6.5	173
01/23/19 12:00 AM	18198	326	2.00	ND	ND	ND	ND	ND	ND	ND	6.3	207

Daily Processed Summary (Average, Maximum)

Average	15941	343	2.06	BDL	0.00002	0.00021	BDL	BDL	BDL	BDL	14.3	163
Maximum Value	18246	357	2.24	BDL	0.00118	0.01022	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/23/19 12:30 AM	16261	324	2.04	ND	ND	ND	ND	ND	ND	ND	8.0	293
01/23/19 01:00 AM	10846	318	2.16	ND	ND	ND	ND	ND	ND	ND	24.1	294
01/23/19 01:30 AM	9750	294	2.13	ND	ND	ND	ND	ND	ND	ND	19.5	66
01/23/19 02:00 AM	9479	297	2.11	ND	ND	ND	ND	ND	ND	ND	17.2	239
01/23/19 02:30 AM	9385	303	2.11	ND	ND	ND	ND	ND	ND	ND	18.0	353
01/23/19 03:00 AM	9101	314	2.14	ND	ND	ND	ND	ND	ND	ND	21.7	344
01/23/19 03:30 AM	8542	315	2.15	ND	ND	ND	ND	ND	ND	ND	23.8	349
01/23/19 04:00 AM	7941	291	2.11	ND	ND	ND	ND	ND	ND	ND	21.1	237
01/23/19 04:30 AM	6910	291	2.10	ND	ND	ND	ND	ND	ND	ND	26.6	296
01/23/19 05:00 AM	6638	307	2.12	ND	ND	ND	ND	ND	ND	ND	24.1	354
01/23/19 05:30 AM	6384	295	2.10	ND	ND	ND	ND	ND	ND	ND	25.9	352
01/23/19 06:00 AM	6555	313	2.15	ND	ND	ND	ND	ND	ND	ND	20.0	355
01/23/19 06:30 AM	6560	314	2.16	ND	ND	ND	ND	ND	ND	ND	16.5	351
01/23/19 07:00 AM	6693	315	2.15	ND	ND	ND	ND	ND	ND	ND	16.7	345
01/23/19 07:30 AM	5970	319	2.14	ND	ND	ND	ND	ND	ND	ND	20.4	342
01/23/19 08:00 AM	5574	321	2.14	ND	ND	ND	ND	ND	ND	ND	18.3	335
01/23/19 08:30 AM	5035	324	2.15	ND	ND	ND	ND	ND	ND	ND	19.8	340
01/23/19 09:00 AM	4687	324	2.16	ND	ND	ND	ND	ND	ND	ND	18.2	344
01/23/19 09:30 AM	4344	327	2.16	ND	ND	ND	ND	ND	ND	ND	19.3	344
01/23/19 10:00 AM	4249	328	2.17	ND	ND	ND	ND	ND	ND	ND	19.3	344
01/23/19 10:30 AM	4249	327	2.15	ND	ND	ND	ND	ND	ND	ND	15.0	338
01/23/19 11:00 AM	4228	314	2.13	ND	ND	ND	ND	ND	ND	ND	16.2	332
01/23/19 11:30 AM	4062	316	2.13	ND	ND	ND	ND	ND	ND	ND	19.8	325
01/23/19 12:00 PM	4329	317	2.13	ND	ND	ND	ND	ND	ND	ND	17.1	325
01/23/19 12:30 PM	4264	322	2.11	ND	ND	ND	ND	ND	ND	ND	19.2	324
01/23/19 01:00 PM	4380	325	2.11	ND	ND	ND	ND	ND	ND	ND	18.8	331
01/23/19 01:30 PM	4664	326	2.10	ND	ND	ND	ND	ND	ND	ND	18.2	327
01/23/19 02:00 PM	4629	327	2.11	ND	ND	ND	ND	ND	ND	ND	18.1	321
01/23/19 02:30 PM	4362	328	2.10	ND	ND	ND	ND	ND	ND	ND	18.6	320
01/23/19 03:00 PM	4258	327	2.09	ND	ND	ND	ND	ND	ND	ND	15.8	319
01/23/19 03:30 PM	4329	329	2.09	ND	ND	ND	ND	ND	ND	ND	15.7	319
01/23/19 04:00 PM	4390	330	2.12	ND	ND	ND	ND	ND	ND	ND	15.5	323
01/23/19 04:30 PM	4651	329	2.17	ND	ND	ND	ND	ND	ND	ND	12.7	327
01/23/19 05:00 PM	4598	329	2.12	ND	ND	ND	ND	ND	ND	ND	13.1	323
01/23/19 05:30 PM	4639	328	2.17	ND	ND	ND	ND	ND	ND	ND	13.1	319
01/23/19 06:00 PM	5098	328	2.20	ND	ND	ND	ND	ND	ND	ND	8.0	318
01/23/19 06:30 PM	5548	326	2.24	ND	ND	ND	ND	ND	ND	ND	5.0	328
01/23/19 07:00 PM	5652	324	2.31	ND	ND	ND	ND	ND	ND	ND	3.7	353
01/23/19 07:30 PM	5887	322	2.25	ND	ND	ND	ND	ND	ND	ND	2.6	19
01/23/19 08:00 PM	6030	322	3.57	ND	ND	ND	ND	ND	ND	ND	1.7	33
01/23/19 08:30 PM	5986	322	2.92	ND	ND	ND	ND	ND	ND	ND	1.7	22
01/23/19 09:00 PM	5624	320	2.50	ND	ND	ND	ND	ND	ND	ND	2.7	76
01/23/19 09:30 PM	5306	319	2.37	ND	ND	ND	ND	ND	ND	ND	2.9	65
01/23/19 10:00 PM	5316	319	2.32	ND	ND	ND	ND	ND	ND	ND	3.2	85
01/23/19 10:30 PM	5443	318	2.32	ND	ND	ND	ND	ND	ND	ND	3.8	98
01/23/19 11:00 PM	5083	318	2.32	ND	ND	ND	ND	ND	ND	ND	3.9	100
01/23/19 11:30 PM	5092	318	2.33	ND	ND	ND	ND	ND	ND	ND	4.1	107
01/24/19 12:00 AM	5233	319	2.18	ND	ND	ND	ND	ND	ND	ND	4.1	109

## Daily Processed Summary (Average, Maximum)

Average	6005	318	2.21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	11.8	333
Maximum Value	16261	330	3.57	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/24/19 12:30 AM	5557	319	2.17	ND	ND	ND	ND	ND	ND	ND	6.2	107
01/24/19 01:00 AM	5226	320	2.19	ND	ND	ND	ND	ND	ND	ND	8.9	100
01/24/19 01:30 AM	5255	320	2.16	ND	ND	ND	ND	ND	ND	ND	5.5	113
01/24/19 02:00 AM	5080	319	2.16	ND	ND	ND	ND	ND	ND	ND	5.9	106
01/24/19 02:30 AM	5378	319	2.27	ND	ND	ND	ND	ND	ND	ND	6.5	97
01/24/19 03:00 AM	5245	319	2.38	ND	ND	ND	ND	ND	ND	ND	6.0	91
01/24/19 03:30 AM	5397	319	2.20	ND	ND	ND	ND	ND	ND	ND	5.4	102
01/24/19 04:00 AM	5432	317	2.31	ND	ND	ND	ND	ND	ND	ND	3.2	101
01/24/19 04:30 AM	5421	316	2.37	ND	ND	ND	ND	ND	ND	ND	2.0	248
01/24/19 05:00 AM	5302	317	2.64	ND	ND	ND	ND	ND	ND	ND	2.3	27
01/24/19 05:30 AM	5298	317	2.79	ND	ND	ND	ND	ND	ND	ND	4.0	64
01/24/19 06:00 AM	5322	316	2.43	ND	ND	ND	ND	ND	ND	ND	2.3	110
01/24/19 06:30 AM	5407	314	2.35	ND	ND	ND	ND	ND	ND	ND	2.0	274
01/24/19 07:00 AM	5527	315	2.38	ND	ND	ND	ND	ND	ND	ND	2.7	46
01/24/19 07:30 AM	5618	314	2.50	ND	ND	ND	ND	ND	ND	ND	2.9	70
01/24/19 08:00 AM	5660	316	2.97	ND	ND	ND	ND	ND	ND	ND	4.2	87
01/24/19 08:30 AM	5966	323	2.55	ND	ND	ND	ND	ND	ND	ND	4.6	77
01/24/19 09:00 AM	5444	326	2.42	ND	ND	ND	ND	ND	ND	ND	6.6	93
01/24/19 09:30 AM	4852	327	2.33	ND	ND	ND	ND	ND	ND	ND	6.8	92
01/24/19 10:00 AM	5336	328	2.23	ND	ND	ND	ND	ND	ND	ND	6.7	95
01/24/19 10:30 AM	5535	328	2.12	ND	ND	ND	ND	ND	ND	ND	7.8	110
01/24/19 11:00 AM	5572	329	2.08	ND	ND	ND	ND	ND	ND	ND	8.1	123
01/24/19 11:30 AM	5274	331	2.26	ND	ND	ND	ND	ND	ND	ND	8.3	124
01/24/19 12:00 PM	5291	332	2.21	ND	ND	ND	ND	ND	ND	ND	7.9	127
01/24/19 12:30 PM	5513	333	2.11	ND	ND	ND	ND	ND	ND	ND	10.4	143
01/24/19 01:00 PM	5801	333	2.07	ND	ND	ND	ND	ND	ND	ND	10.4	133
01/24/19 01:30 PM	5944	333	2.10	ND	ND	ND	ND	ND	ND	ND	11.7	104
01/24/19 02:00 PM	5733	334	2.10	ND	ND	ND	ND	ND	ND	ND	10.2	114
01/24/19 02:30 PM	5478	334	2.08	ND	ND	ND	ND	ND	ND	ND	9.7	118
01/24/19 03:00 PM	5883	333	2.07	ND	ND	ND	ND	ND	ND	ND	11.2	104
01/24/19 03:30 PM	6416	333	2.05	ND	ND	ND	ND	ND	ND	ND	11.0	113
01/24/19 04:00 PM	5887	332	2.09	ND	ND	ND	ND	ND	ND	ND	10.2	107
01/24/19 04:30 PM	5576	331	2.05	ND	ND	ND	ND	ND	ND	ND	8.4	123
01/24/19 05:00 PM	5836	330	2.04	ND	ND	ND	ND	ND	ND	ND	8.9	127
01/24/19 05:30 PM	6447	329	2.04	ND	ND	ND	ND	ND	ND	ND	8.7	116
01/24/19 06:00 PM	6813	326	2.03	ND	ND	ND	ND	ND	ND	ND	7.1	124
01/24/19 06:30 PM	7174	323	2.03	ND	ND	ND	ND	ND	ND	ND	6.4	124
01/24/19 07:00 PM	7434	321	2.04	ND	ND	ND	ND	ND	ND	ND	6.6	115
01/24/19 07:30 PM	7608	321	2.47	ND	ND	ND	ND	ND	ND	ND	5.5	85
01/24/19 08:00 PM	7625	318	2.16	ND	ND	ND	ND	ND	ND	ND	6.0	81
01/24/19 08:30 PM	7555	316	2.27	ND	ND	ND	ND	ND	ND	ND	7.2	81
01/24/19 09:00 PM	7396	316	2.35	ND	ND	ND	ND	ND	ND	ND	7.8	94
01/24/19 09:30 PM	7353	314	2.11	ND	ND	ND	ND	ND	ND	ND	7.6	100
01/24/19 10:00 PM	7140	314	2.08	ND	ND	ND	ND	ND	ND	ND	7.3	105
01/24/19 10:30 PM	7466	313	2.07	ND	ND	ND	ND	ND	ND	ND	6.9	105
01/24/19 11:00 PM	7574	312	2.31	ND	ND	ND	ND	ND	ND	ND	6.6	98
01/24/19 11:30 PM	7658	311	2.13	ND	ND	ND	ND	ND	ND	ND	6.8	100
01/25/19 12:00 AM	7598	310	2.24	ND	ND	ND	ND	ND	ND	ND	6.7	98

## Daily Processed Summary (Average, Maximum)

Average	6048	322	2.24	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.3	107
Maximum Value	7658	334	2.97	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/25/19 12:30 AM	7588	309	2.64	ND	ND	ND	ND	ND	ND	ND	6.3	95
01/25/19 01:00 AM	7766	309	2.76	ND	ND	ND	ND	ND	ND	ND	6.1	83
01/25/19 01:30 AM	7513	309	2.11	ND	ND	ND	ND	ND	ND	ND	5.5	73
01/25/19 02:00 AM	7366	308	2.22	ND	ND	ND	ND	ND	ND	ND	4.7	82
01/25/19 02:30 AM	7299	309	2.57	ND	ND	ND	ND	ND	ND	ND	4.8	81
01/25/19 03:00 AM	7194	310	2.65	ND	ND	ND	ND	ND	ND	ND	4.8	86
01/25/19 03:30 AM	7179	309	2.38	ND	ND	ND	ND	ND	ND	ND	5.8	78
01/25/19 04:00 AM	7087	310	2.16	ND	ND	ND	ND	ND	ND	ND	5.7	68
01/25/19 04:30 AM	7018	309	2.59	ND	ND	ND	ND	ND	ND	ND	4.4	74
01/25/19 05:00 AM	7065	308	2.19	ND	ND	ND	ND	ND	ND	ND	4.7	68
01/25/19 05:30 AM	7000	307	2.19	ND	ND	ND	ND	ND	ND	ND	4.7	65
01/25/19 06:00 AM	6901	307	2.23	ND	ND	ND	ND	ND	ND	ND	5.6	62
01/25/19 06:30 AM	6912	308	2.47	ND	ND	ND	ND	ND	ND	ND	5.7	81
01/25/19 07:00 AM	6890	309	2.35	ND	ND	ND	ND	ND	ND	ND	4.7	75
01/25/19 07:30 AM	6959	308	2.66	ND	ND	ND	ND	ND	ND	ND	4.2	87
01/25/19 08:00 AM	7222	311	2.72	ND	ND	ND	ND	ND	ND	ND	5.7	88
01/25/19 08:30 AM	7629	314	2.22	ND	ND	ND	ND	ND	ND	ND	5.8	90
01/25/19 09:00 AM	8007	314	2.23	ND	ND	ND	ND	ND	ND	ND	6.0	97
01/25/19 09:30 AM	8649	319	2.21	ND	ND	ND	ND	ND	ND	ND	4.5	78
01/25/19 10:00 AM	8921	324	2.15	ND	ND	ND	ND	ND	ND	ND	9.2	100
01/25/19 10:30 AM	8645	324	2.06	ND	ND	ND	ND	ND	ND	ND	12.0	112
01/25/19 11:00 AM	8236	325	2.06	ND	ND	ND	ND	ND	ND	ND	14.0	108
01/25/19 11:30 AM	8138	327	2.04	ND	ND	ND	ND	ND	ND	ND	14.4	120
01/25/19 12:00 PM	8248	328	2.04	ND	ND	ND	ND	ND	ND	ND	15.4	127
01/25/19 12:30 PM	8168	328	2.05	ND	ND	ND	ND	ND	ND	ND	14.5	121
01/25/19 01:00 PM	8394	328	2.05	ND	ND	ND	ND	ND	ND	ND	14.0	113
01/25/19 01:30 PM	8547	328	2.05	ND	ND	ND	ND	ND	ND	ND	13.4	114
01/25/19 02:00 PM	8523	328	2.04	ND	ND	ND	ND	ND	ND	ND	13.4	117
01/25/19 02:30 PM	8513	328	2.04	ND	ND	ND	ND	ND	ND	ND	13.1	118
01/25/19 03:00 PM	8473	328	2.03	ND	ND	ND	ND	ND	ND	ND	13.9	117
01/25/19 03:30 PM	8381	328	2.04	ND	ND	ND	ND	ND	ND	ND	13.3	118
01/25/19 04:00 PM	8272	328	2.04	ND	ND	ND	ND	ND	ND	ND	13.3	123
01/25/19 04:30 PM	8251	326	2.03	ND	ND	ND	ND	ND	ND	ND	12.7	113
01/25/19 05:00 PM	8215	325	2.03	ND	ND	ND	ND	ND	ND	ND	13.5	110
01/25/19 05:30 PM	8191	323	2.03	ND	ND	ND	ND	ND	ND	ND	13.8	120
01/25/19 06:00 PM	8669	321	2.05	ND	ND	ND	ND	ND	ND	ND	11.6	118
01/25/19 06:30 PM	8927	319	2.05	ND	ND	ND	ND	ND	ND	ND	9.8	108
01/25/19 07:00 PM	9262	316	2.05	ND	ND	ND	ND	ND	ND	ND	8.3	103
01/25/19 07:30 PM	9427	313	2.04	ND	ND	ND	ND	ND	ND	ND	8.7	107
01/25/19 08:00 PM	9474	312	2.05	ND	ND	ND	ND	ND	ND	ND	7.3	102
01/25/19 08:30 PM	9491	311	2.14	ND	ND	ND	ND	ND	ND	ND	5.9	84
01/25/19 09:00 PM	9360	310	2.18	ND	ND	ND	ND	ND	ND	ND	5.4	81
01/25/19 09:30 PM	9438	309	2.25	ND	ND	ND	ND	ND	ND	ND	6.9	98
01/25/19 10:00 PM	9517	309	2.19	ND	ND	ND	ND	ND	ND	ND	7.7	100
01/25/19 10:30 PM	9500	309	2.59	ND	ND	ND	ND	ND	ND	ND	4.9	90
01/25/19 11:00 PM	9441	307	2.52	ND	ND	ND	ND	ND	ND	ND	4.7	97
01/25/19 11:30 PM	9413	307	2.37	ND	ND	ND	ND	ND	ND	ND	4.1	94
01/26/19 12:00 AM	9457	306	2.29	ND	ND	ND	ND	ND	ND	ND	5.9	95

## Daily Processed Summary (Average, Maximum)

Average	8224	316	2.23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.1	104
Maximum Value	9517	328	2.76	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/26/19 12:30 AM	9678	308	2.71	ND	ND	ND	ND	ND	ND	ND	5.5	96
01/26/19 01:00 AM	9556	307	2.29	ND	ND	ND	ND	ND	ND	ND	4.8	83
01/26/19 01:30 AM	9447	304	3.13	ND	ND	ND	ND	ND	ND	ND	5.3	92
01/26/19 02:00 AM	9423	300	2.27	ND	ND	ND	ND	ND	ND	ND	3.9	69
01/26/19 02:30 AM	8969	301	2.28	ND	ND	ND	ND	ND	ND	ND	2.8	97
01/26/19 03:00 AM	8887	300	2.21	ND	ND	ND	ND	ND	ND	ND	5.4	64
01/26/19 03:30 AM	8944	299	2.10	ND	ND	ND	ND	ND	ND	ND	5.3	54
01/26/19 04:00 AM	8859	299	2.11	ND	ND	ND	ND	ND	ND	ND	6.9	48
01/26/19 04:30 AM	9043	300	2.10	ND	ND	ND	ND	ND	ND	ND	6.7	50
01/26/19 05:00 AM	9056	301	2.10	ND	ND	ND	ND	ND	ND	ND	6.1	47
01/26/19 05:30 AM	9256	303	2.13	ND	ND	ND	ND	ND	ND	ND	6.6	51
01/26/19 06:00 AM	9315	303	2.14	ND	ND	ND	ND	ND	ND	ND	6.3	54
01/26/19 06:30 AM	9390	304	2.14	ND	ND	ND	ND	ND	ND	ND	6.2	66
01/26/19 07:00 AM	9538	304	2.15	ND	ND	ND	ND	ND	ND	ND	5.1	58
01/26/19 07:30 AM	9517	303	2.14	ND	ND	ND	ND	ND	ND	ND	5.4	58
01/26/19 08:00 AM	9581	302	2.17	ND	ND	ND	ND	ND	ND	ND	5.5	55
01/26/19 08:30 AM	9727	304	2.20	ND	ND	ND	ND	ND	ND	ND	5.5	68
01/26/19 09:00 AM	10122	306	2.36	ND	ND	ND	ND	ND	ND	ND	5.1	80
01/26/19 09:30 AM	10728	312	2.44	ND	ND	ND	ND	ND	ND	ND	6.8	87
01/26/19 10:00 AM	10978	316	2.26	ND	ND	ND	ND	ND	ND	ND	7.1	84
01/26/19 10:30 AM	10981	316	2.24	ND	ND	ND	ND	ND	ND	ND	7.8	79
01/26/19 11:00 AM	11084	320	2.18	ND	ND	ND	ND	ND	ND	ND	9.5	83
01/26/19 11:30 AM	11025	322	2.14	ND	ND	ND	ND	ND	ND	ND	9.8	83
01/26/19 12:00 PM	10967	323	2.10	ND	ND	ND	ND	ND	ND	ND	9.9	94
01/26/19 12:30 PM	11045	323	2.14	ND	ND	ND	ND	ND	ND	ND	8.8	93
01/26/19 01:00 PM	10846	323	2.11	ND	ND	ND	ND	ND	ND	ND	8.0	97
01/26/19 01:30 PM	10748	323	2.09	ND	ND	ND	ND	ND	ND	ND	8.5	105
01/26/19 02:00 PM	10670	323	2.06	ND	ND	ND	ND	ND	ND	ND	10.4	104
01/26/19 02:30 PM	10793	326	2.05	ND	ND	ND	ND	ND	ND	ND	10.0	94
01/26/19 03:00 PM	10738	325	2.09	ND	ND	ND	ND	ND	ND	ND	9.6	93
01/26/19 03:30 PM	10725	324	2.02	ND	ND	ND	ND	ND	ND	ND	9.3	112
01/26/19 04:00 PM	10971	324	2.10	ND	ND	ND	ND	ND	ND	ND	8.6	92
01/26/19 04:30 PM	11083	324	2.14	ND	ND	ND	ND	ND	ND	ND	9.2	85
01/26/19 05:00 PM	11238	322	2.10	ND	ND	ND	ND	ND	ND	ND	9.4	86
01/26/19 05:30 PM	11311	321	2.19	ND	ND	ND	ND	ND	ND	ND	8.2	91
01/26/19 06:00 PM	11526	320	2.20	ND	ND	ND	ND	ND	ND	ND	7.7	82
01/26/19 06:30 PM	11603	318	2.04	ND	ND	ND	ND	ND	ND	ND	6.0	72
01/26/19 07:00 PM	11610	317	2.04	ND	ND	ND	ND	ND	ND	ND	6.5	59
01/26/19 07:30 PM	11540	317	2.04	ND	ND	ND	ND	ND	ND	ND	6.5	71
01/26/19 08:00 PM	11509	317	2.14	ND	ND	ND	ND	ND	ND	ND	3.8	83
01/26/19 08:30 PM	11582	315	2.05	ND	ND	ND	ND	ND	ND	ND	5.7	123
01/26/19 09:00 PM	11652	315	2.24	ND	ND	ND	ND	ND	ND	ND	3.3	129
01/26/19 09:30 PM	11637	314	2.29	ND	ND	ND	ND	ND	ND	ND	2.8	184
01/26/19 10:00 PM	11580	313	2.44	ND	ND	ND	ND	ND	ND	ND	3.0	109
01/26/19 10:30 PM	11594	314	2.17	ND	ND	ND	ND	ND	ND	ND	2.4	212
01/26/19 11:00 PM	11575	313	2.06	ND	ND	ND	ND	ND	ND	ND	3.0	174
01/26/19 11:30 PM	11634	313	2.07	ND	ND	ND	ND	ND	ND	ND	2.9	207
01/27/19 12:00 AM	11514	311	2.16	ND	ND	ND	ND	ND	ND	ND	4.4	280

## Daily Processed Summary (Average, Maximum)

Average	Maximum Value	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10517	11652	313	2.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.6	84
		326	3.13	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/27/19 12:30 AM	11111	307	2.24	ND	ND	ND	ND	ND	ND	ND	2.3	174
01/27/19 01:00 AM	11030	296	2.35	ND	ND	ND	ND	ND	ND	ND	2.5	318
01/27/19 01:30 AM	10812	280	2.64	ND	ND	ND	ND	ND	ND	ND	4.6	329
01/27/19 02:00 AM	11015	283	2.30	ND	ND	ND	ND	ND	ND	ND	3.8	183
01/27/19 02:30 AM	10845	289	2.21	ND	ND	ND	ND	ND	ND	ND	5.8	296
01/27/19 03:00 AM	10809	281	2.21	ND	ND	ND	ND	ND	ND	ND	6.7	348
01/27/19 03:30 AM	10955	277	2.13	ND	ND	ND	ND	ND	ND	ND	9.3	122
01/27/19 04:00 AM	11186	289	2.16	ND	ND	ND	ND	ND	ND	ND	10.8	11
01/27/19 04:30 AM	11234	285	2.12	ND	ND	ND	ND	ND	ND	ND	10.1	11
01/27/19 05:00 AM	10647	277	2.05	ND	ND	ND	ND	ND	ND	ND	10.2	10
01/27/19 05:30 AM	10134	254	1.97	ND	ND	ND	ND	ND	ND	ND	8.3	121
01/27/19 06:00 AM	10194	259	1.96	ND	ND	ND	ND	ND	ND	ND	6.6	335
01/27/19 06:30 AM	10072	255	2.04	ND	ND	ND	ND	ND	ND	ND	3.6	158
01/27/19 07:00 AM	7617	147	1.55	ND	ND	ND	ND	ND	ND	ND	5.4	147
01/27/19 07:30 AM	8341	171	1.69	ND	ND	ND	ND	ND	ND	ND	5.9	147
01/27/19 08:00 AM	9209	211	2.02	ND	ND	ND	ND	ND	ND	ND	4.5	299
01/27/19 08:30 AM	9940	249	2.00	ND	ND	ND	ND	ND	ND	ND	4.2	288
01/27/19 09:00 AM	10543	273	2.02	ND	ND	ND	ND	ND	ND	ND	5.4	291
01/27/19 09:30 AM	11235	301	2.08	ND	ND	ND	ND	ND	ND	ND	7.6	301
01/27/19 10:00 AM	11574	323	2.11	ND	ND	ND	ND	ND	ND	ND	8.0	296
01/27/19 10:30 AM	11579	327	2.11	ND	ND	ND	ND	ND	ND	ND	6.6	304
01/27/19 11:00 AM	11159	327	2.10	ND	ND	ND	ND	ND	ND	ND	7.0	332
01/27/19 11:30 AM	11308	327	2.16	ND	ND	ND	ND	ND	ND	ND	5.7	330
01/27/19 12:00 PM	11283	329	2.12	ND	ND	ND	ND	ND	ND	ND	5.7	321
01/27/19 12:30 PM	10963	329	2.11	ND	ND	ND	ND	ND	ND	ND	5.0	341
01/27/19 01:00 PM	10593	329	2.12	ND	ND	ND	ND	ND	ND	ND	5.3	336
01/27/19 01:30 PM	10376	331	2.10	ND	ND	ND	ND	ND	ND	ND	5.0	328
01/27/19 02:00 PM	9775	331	2.09	ND	ND	ND	ND	ND	ND	ND	4.7	307
01/27/19 02:30 PM	10200	332	2.08	ND	ND	ND	ND	ND	ND	ND	3.9	272
01/27/19 03:00 PM	9818	332	2.09	ND	ND	ND	ND	ND	ND	ND	3.9	272
01/27/19 03:30 PM	9452	333	2.08	ND	ND	ND	ND	ND	ND	ND	4.0	258
01/27/19 04:00 PM	9215	333	2.07	ND	ND	ND	ND	ND	ND	ND	3.7	258
01/27/19 04:30 PM	9146	333	2.08	ND	ND	ND	ND	ND	ND	ND	3.9	220
01/27/19 05:00 PM	9861	331	2.09	ND	ND	ND	ND	ND	ND	ND	4.1	206
01/27/19 05:30 PM	10382	331	2.06	ND	ND	ND	ND	ND	ND	ND	8.8	183
01/27/19 06:00 PM	10796	329	2.06	ND	ND	ND	ND	ND	ND	ND	7.3	179
01/27/19 06:30 PM	11371	326	2.07	ND	ND	ND	ND	ND	ND	ND	6.9	186
01/27/19 07:00 PM	11594	323	2.10	ND	ND	ND	ND	ND	ND	ND	6.2	179
01/27/19 07:30 PM	11562	321	2.10	ND	ND	ND	ND	ND	ND	ND	5.5	181
01/27/19 08:00 PM	12015	318	2.07	ND	ND	ND	ND	ND	ND	ND	4.9	184
01/27/19 08:30 PM	11977	317	2.05	ND	ND	ND	ND	ND	ND	ND	5.8	183
01/27/19 09:00 PM	11753	317	2.08	ND	ND	ND	ND	ND	ND	ND	6.1	184
01/27/19 09:30 PM	12041	313	2.07	ND	ND	ND	ND	ND	ND	ND	6.4	178
01/27/19 10:00 PM	12046	312	2.05	ND	ND	ND	ND	ND	ND	ND	7.8	182
01/27/19 10:30 PM	11838	316	2.08	ND	ND	ND	ND	ND	ND	ND	8.2	183
01/27/19 11:00 PM	11869	315	2.08	ND	ND	ND	ND	ND	ND	ND	7.6	185
01/27/19 11:30 PM	11834	316	2.07	ND	ND	ND	ND	ND	ND	ND	7.6	185
01/28/19 12:00 AM	11718	317	2.09	ND	ND	ND	ND	ND	ND	ND	7.6	185

Daily Processed Summary (Average, Maximum)

Average	10750	300	2.09	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4	257
Maximum Value	12046	333	2.64	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/28/19 12:30 AM	11488	319	2.10	ND	ND	ND	ND	ND	ND	ND	6.7	182
01/28/19 01:00 AM	11519	317	2.07	ND	ND	ND	ND	ND	ND	ND	6.8	184
01/28/19 01:30 AM	11465	318	2.10	ND	ND	ND	ND	ND	ND	ND	6.3	184
01/28/19 02:00 AM	11515	317	2.14	ND	ND	ND	ND	ND	ND	ND	6.2	188
01/28/19 02:30 AM	11825	315	2.06	ND	ND	ND	ND	ND	ND	ND	6.6	192
01/28/19 03:00 AM	12040	312	2.05	ND	ND	ND	ND	ND	ND	ND	5.9	192
01/28/19 03:30 AM	12132	309	2.04	ND	ND	ND	ND	ND	ND	ND	5.8	183
01/28/19 04:00 AM	12090	306	2.03	ND	ND	ND	ND	ND	ND	ND	5.4	189
01/28/19 04:30 AM	12094	302	2.02	ND	ND	ND	ND	ND	ND	ND	5.5	186
01/28/19 05:00 AM	12195	303	2.01	ND	ND	ND	ND	ND	ND	ND	6.1	190
01/28/19 05:30 AM	12218	304	2.02	ND	ND	ND	ND	ND	ND	ND	5.9	188
01/28/19 06:00 AM	12177	305	2.03	ND	ND	ND	ND	ND	ND	ND	6.1	191
01/28/19 06:30 AM	12213	299	2.01	ND	ND	ND	ND	ND	ND	ND	5.4	199
01/28/19 07:00 AM	12194	296	2.02	ND	ND	ND	ND	ND	ND	ND	5.4	203
01/28/19 07:30 AM	12195	302	2.01	ND	ND	ND	ND	ND	ND	ND	5.5	204
01/28/19 08:00 AM	12397	316	2.04	ND	ND	ND	ND	ND	ND	ND	4.4	195
01/28/19 08:30 AM	12747	323	2.06	ND	ND	ND	ND	ND	ND	ND	4.9	188
01/28/19 09:00 AM	13224	327	2.05	ND	ND	ND	ND	ND	ND	ND	8.7	186
01/28/19 09:30 AM	13450	328	2.07	ND	ND	ND	ND	ND	ND	ND	10.1	194
01/28/19 10:00 AM	13413	328	2.07	ND	ND	ND	ND	ND	ND	ND	10.5	194
01/28/19 10:30 AM	13822	328	2.07	ND	ND	ND	ND	ND	ND	ND	10.6	197
01/28/19 11:00 AM	13207	330	2.05	ND	ND	ND	ND	ND	ND	ND	11.1	197
01/28/19 11:30 AM	12449	332	2.05	ND	ND	ND	ND	ND	ND	ND	12.0	201
01/28/19 12:00 PM	12639	332	2.04	ND	ND	ND	ND	ND	ND	ND	12.4	197
01/28/19 12:30 PM	11645	334	2.05	ND	ND	ND	ND	ND	ND	ND	12.9	196
01/28/19 01:00 PM	11176	335	2.06	ND	ND	ND	ND	ND	ND	ND	13.5	195
01/28/19 01:30 PM	10989	336	2.05	ND	ND	ND	ND	ND	ND	ND	14.2	197
01/28/19 02:00 PM	10774	336	2.05	ND	ND	ND	ND	ND	ND	ND	14.0	196
01/28/19 02:30 PM	11395	345	2.07	ND	ND	ND	ND	ND	ND	ND	12.5	197
01/28/19 03:00 PM	11682	345	2.04	ND	ND	ND	ND	ND	ND	ND	13.0	196
01/28/19 03:30 PM	12285	345	2.04	ND	ND	ND	ND	ND	ND	ND	12.5	193
01/28/19 04:00 PM	12399	344	2.04	ND	ND	ND	ND	ND	ND	ND	11.9	198
01/28/19 04:30 PM	12646	343	2.04	ND	ND	ND	ND	ND	ND	ND	11.2	189
01/28/19 05:00 PM	12768	344	2.05	ND	ND	ND	ND	ND	ND	ND	11.5	181
01/28/19 05:30 PM	12997	342	2.06	ND	ND	ND	ND	ND	ND	ND	9.9	180
01/28/19 06:00 PM	13442	340	2.05	ND	ND	ND	ND	ND	ND	ND	9.9	175
01/28/19 06:30 PM	13644	340	2.05	ND	ND	ND	ND	ND	ND	ND	6.8	165
01/28/19 07:00 PM	13382	335	2.09	ND	ND	ND	ND	ND	ND	ND	3.2	126
01/28/19 07:30 PM	13350	334	2.14	ND	ND	ND	ND	ND	ND	ND	3.9	112
01/28/19 08:00 PM	13504	333	2.32	ND	ND	ND	ND	ND	ND	ND	3.4	109
01/28/19 08:30 PM	13557	332	2.62	ND	ND	ND	ND	ND	ND	ND	3.4	86
01/28/19 09:00 PM	13345	333	2.24	ND	ND	ND	ND	ND	ND	ND	3.1	58
01/28/19 09:30 PM	13069	332	2.33	ND	ND	ND	ND	ND	ND	ND	2.6	66
01/28/19 10:00 PM	13158	331	2.76	ND	ND	ND	ND	ND	ND	ND	2.8	85
01/28/19 10:30 PM	13218	331	2.34	ND	ND	ND	ND	ND	ND	ND	4.4	87
01/28/19 11:00 PM	12525	316	2.23	ND	ND	ND	ND	ND	ND	ND	19.2	237
01/28/19 11:30 PM	10690	290	2.11	ND	ND	ND	ND	ND	ND	ND	22.3	6
01/29/19 12:00 AM	10557	326	2.17	ND	ND	ND	ND	ND	ND	ND	19.4	294

## Daily Processed Summary (Average, Maximum)

Average	12394	325	2.11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	193
Maximum Value	13822	345	2.76	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/29/19 12:30 AM	8461	328	2.07	ND	ND	ND	ND	ND	ND	ND	23.2	356
01/29/19 01:00 AM	7547	328	2.06	ND	ND	ND	ND	ND	ND	ND	23.4	121
01/29/19 01:30 AM	6862	327	2.06	ND	ND	ND	ND	ND	ND	ND	24.5	121
01/29/19 02:00 AM	6158	327	2.06	ND	ND	ND	ND	ND	ND	ND	22.4	64
01/29/19 02:30 AM	5466	327	2.07	ND	ND	ND	ND	ND	ND	ND	21.3	7
01/29/19 03:00 AM	5286	326	2.07	ND	ND	ND	ND	ND	ND	ND	18.6	7
01/29/19 03:30 AM	5523	325	2.09	ND	ND	ND	ND	ND	ND	ND	15.1	4
01/29/19 04:00 AM	5358	325	2.10	ND	ND	ND	ND	ND	ND	ND	17.0	5
01/29/19 04:30 AM	5169	324	2.09	ND	ND	ND	ND	ND	ND	ND	17.8	6
01/29/19 05:00 AM	5214	323	2.10	ND	ND	ND	ND	ND	ND	ND	13.8	5
01/29/19 05:30 AM	5197	322	2.10	ND	ND	ND	ND	ND	ND	ND	13.3	121
01/29/19 06:00 AM	4729	321	2.09	ND	ND	ND	ND	ND	ND	ND	17.1	5
01/29/19 06:30 AM	4540	321	2.09	ND	ND	ND	ND	ND	ND	ND	18.5	7
01/29/19 07:00 AM	4282	320	2.09	ND	ND	ND	ND	ND	ND	ND	19.6	5
01/29/19 07:30 AM	3787	319	2.07	ND	ND	ND	ND	ND	ND	ND	18.1	6
01/29/19 08:00 AM	3580	320	2.07	ND	ND	ND	ND	ND	ND	ND	16.6	8
01/29/19 08:30 AM	3559	322	2.07	ND	ND	ND	ND	ND	ND	ND	17.5	9
01/29/19 09:00 AM	3386	324	2.08	ND	ND	ND	ND	ND	ND	ND	21.2	9
01/29/19 09:30 AM	3310	325	2.08	ND	ND	ND	ND	ND	ND	ND	22.6	11
01/29/19 10:00 AM	3287	326	2.08	ND	ND	ND	ND	ND	ND	ND	19.8	16
01/29/19 10:30 AM	3425	326	2.07	ND	ND	ND	ND	ND	ND	ND	17.1	21
01/29/19 11:00 AM	3373	328	2.11	ND	ND	ND	ND	ND	ND	ND	15.6	19
01/29/19 11:30 AM	3339	328	2.08	ND	ND	ND	ND	ND	ND	ND	17.8	70
01/29/19 12:00 PM	3334	329	2.07	ND	ND	ND	ND	ND	ND	ND	17.1	12
01/29/19 12:30 PM	3340	343	2.07	ND	ND	ND	ND	ND	ND	ND	15.3	9
01/29/19 01:00 PM	3305	355	2.05	ND	ND	ND	ND	ND	ND	ND	15.1	11
01/29/19 01:30 PM	3389	355	2.04	ND	ND	ND	ND	ND	ND	ND	14.7	127
01/29/19 02:00 PM	3479	356	2.06	ND	ND	ND	ND	ND	ND	ND	11.5	10
01/29/19 02:30 PM	3349	358	2.05	ND	ND	ND	ND	ND	ND	ND	13.8	15
01/29/19 03:00 PM	3502	359	2.05	ND	ND	ND	ND	ND	ND	ND	11.2	12
01/29/19 03:30 PM	3553	361	2.06	ND	ND	ND	ND	ND	ND	ND	11.0	75
01/29/19 04:00 PM	3376	367	2.09	ND	ND	ND	ND	ND	ND	ND	10.3	23
01/29/19 04:30 PM	3463	369	2.15	ND	ND	ND	ND	ND	ND	ND	10.1	23
01/29/19 05:00 PM	3496	369	2.10	ND	ND	ND	ND	ND	ND	ND	8.1	15
01/29/19 05:30 PM	3940	370	2.11	ND	ND	ND	ND	ND	ND	ND	6.8	16
01/29/19 06:00 PM	4233	370	2.10	ND	ND	ND	ND	ND	ND	ND	6.0	10
01/29/19 06:30 PM	4382	368	2.12	ND	ND	ND	ND	ND	ND	ND	5.6	12
01/29/19 07:00 PM	4688	365	2.16	ND	ND	ND	ND	ND	ND	ND	5.1	13
01/29/19 07:30 PM	4846	362	2.19	ND	ND	ND	ND	ND	ND	ND	5.2	16
01/29/19 08:00 PM	4964	360	2.14	ND	ND	ND	ND	ND	ND	ND	5.7	16
01/29/19 08:30 PM	4986	360	2.14	ND	ND	ND	ND	ND	ND	ND	5.0	19
01/29/19 09:00 PM	5020	358	2.17	ND	ND	ND	ND	ND	ND	ND	3.5	8
01/29/19 09:30 PM	4917	358	2.25	ND	ND	ND	ND	ND	ND	ND	4.1	180
01/29/19 10:00 PM	4725	357	2.13	ND	ND	ND	ND	ND	ND	ND	5.4	14
01/29/19 10:30 PM	4894	355	2.09	ND	ND	ND	ND	ND	ND	ND	5.7	17
01/29/19 11:00 PM	4966	353	2.09	ND	ND	ND	ND	ND	ND	ND	5.1	17
01/29/19 11:30 PM	5120	352	3.32	ND	ND	ND	ND	ND	ND	ND	4.7	32
01/30/19 12:00 AM	5100	350	2.25	ND	ND	ND	ND	ND	ND	ND	5.0	38

## Daily Processed Summary (Average, Maximum)

Average	4483	342	2.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.7	23
Maximum Value	8461	370	3.32	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VOI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/30/19 12:30 AM	5155	349	2.17	ND	ND	ND	ND	ND	ND	ND	5.2	37
01/30/19 01:00 AM	5300	348	2.20	ND	ND	ND	ND	ND	ND	ND	5.4	44
01/30/19 01:30 AM	5321	348	2.14	ND	ND	ND	ND	ND	ND	ND	5.8	44
01/30/19 02:00 AM	5169	349	2.17	ND	ND	ND	ND	ND	ND	ND	5.1	67
01/30/19 02:30 AM	5274	348	2.17	ND	ND	ND	ND	ND	ND	ND	5.1	72
01/30/19 03:00 AM	4912	350	2.20	ND	ND	ND	ND	ND	ND	ND	5.7	85
01/30/19 03:30 AM	5111	350	2.16	ND	ND	ND	ND	ND	ND	ND	6.3	55
01/30/19 04:00 AM	4932	351	2.15	ND	ND	ND	ND	ND	ND	ND	7.2	56
01/30/19 04:30 AM	4870	351	2.15	ND	ND	ND	ND	ND	ND	ND	5.8	36
01/30/19 05:00 AM	4942	350	2.19	ND	ND	ND	ND	ND	ND	ND	5.4	36
01/30/19 05:30 AM	5209	349	3.08	ND	ND	ND	ND	ND	ND	ND	7.0	25
01/30/19 06:00 AM	5122	348	2.26	ND	ND	ND	ND	ND	ND	ND	7.0	40
01/30/19 06:30 AM	4920	348	2.14	ND	ND	ND	ND	ND	ND	ND	6.4	42
01/30/19 07:00 AM	4963	347	2.11	ND	ND	ND	ND	ND	ND	ND	6.4	39
01/30/19 07:30 AM	5042	347	2.09	ND	ND	ND	ND	ND	ND	ND	7.0	41
01/30/19 08:00 AM	5035	347	2.11	ND	ND	ND	ND	ND	ND	ND	7.8	41
01/30/19 08:30 AM	5105	348	2.12	ND	ND	ND	ND	ND	ND	ND	8.4	43
01/30/19 09:00 AM	5250	348	2.11	ND	ND	ND	ND	ND	ND	ND	8.9	45
01/30/19 09:30 AM	5500	348	2.10	ND	ND	ND	ND	ND	ND	ND	9.9	51
01/30/19 10:00 AM	5893	346	2.13	ND	ND	ND	ND	ND	ND	ND	8.9	51
01/30/19 10:30 AM	6102	343	2.10	ND	ND	ND	ND	ND	ND	ND	10.3	50
01/30/19 11:00 AM	6014	343	2.01	ND	ND	ND	ND	ND	ND	ND	11.6	65
01/30/19 11:30 AM	6196	348	2.00	ND	ND	ND	ND	ND	ND	ND	12.0	73
01/30/19 12:00 PM	6526	350	2.02	ND	ND	ND	ND	ND	ND	ND	10.8	72
01/30/19 12:30 PM	6810	352	2.03	ND	ND	ND	ND	ND	ND	ND	12.0	70
01/30/19 01:00 PM	7126	351	2.01	ND	ND	ND	ND	ND	ND	ND	12.5	73
01/30/19 01:30 PM	7271	351	2.01	ND	ND	ND	ND	ND	ND	ND	12.3	78
01/30/19 02:00 PM	7243	353	2.03	ND	ND	ND	ND	ND	ND	ND	11.3	74
01/30/19 02:30 PM	7454	353	2.04	ND	ND	ND	ND	ND	ND	ND	12.5	85
01/30/19 03:00 PM	7574	354	2.04	ND	ND	ND	ND	ND	ND	ND	12.5	80
01/30/19 03:30 PM	7853	351	2.02	ND	ND	ND	ND	ND	ND	ND	12.0	82
01/30/19 04:00 PM	7910	350	2.01	ND	ND	ND	ND	ND	ND	ND	12.0	84
01/30/19 04:30 PM	7905	350	2.01	ND	ND	ND	ND	ND	ND	ND	12.7	86
01/30/19 05:00 PM	8038	348	2.01	ND	ND	ND	ND	ND	ND	ND	11.0	83
01/30/19 05:30 PM	8173	346	2.00	ND	ND	ND	ND	ND	ND	ND	11.3	87
01/30/19 06:00 PM	8221	346	1.98	ND	ND	ND	ND	ND	ND	ND	11.7	81
01/30/19 06:30 PM	8233	345	1.98	ND	ND	ND	ND	ND	ND	ND	9.7	83
01/30/19 07:00 PM	8288	344	2.00	ND	ND	ND	ND	ND	ND	ND	10.3	89
01/30/19 07:30 PM	8328	343	2.00	ND	ND	ND	ND	ND	ND	ND	10.9	91
01/30/19 08:00 PM	8428	343	2.00	ND	ND	ND	ND	ND	ND	ND	10.0	86
01/30/19 08:30 PM	8575	341	1.96	ND	ND	ND	ND	ND	ND	ND	8.5	76
01/30/19 09:00 PM	8666	341	1.96	ND	ND	ND	ND	ND	ND	ND	7.7	66
01/30/19 09:30 PM	8652	341	1.97	ND	ND	ND	ND	ND	ND	ND	5.5	56
01/30/19 10:00 PM	8578	341	1.97	ND	ND	ND	ND	ND	ND	ND	5.8	59
01/30/19 10:30 PM	8585	339	1.96	ND	ND	ND	ND	ND	ND	ND	6.1	66
01/30/19 11:00 PM	8662	340	1.97	ND	ND	ND	ND	ND	ND	ND	6.8	70
01/30/19 11:30 PM	8819	338	1.97	ND	ND	ND	ND	ND	ND	ND	6.7	64
01/31/19 12:00 AM	8911	337	1.97	ND	ND	ND	ND	ND	ND	ND	5.4	51

## Daily Processed Summary (Average, Maximum)

Average	6712	347	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.3	67
Maximum Value	8911	354	3.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
01/31/19 12:30 AM	8966	337	1.97	ND	ND	ND	ND	ND	ND	ND	6.6	62
01/31/19 01:00 AM	9178	336	1.96	ND	ND	ND	ND	ND	ND	ND	6.7	66
01/31/19 01:30 AM	9397	335	1.95	ND	ND	ND	ND	ND	ND	ND	6.7	73
01/31/19 02:00 AM	9569	335	1.96	ND	ND	ND	ND	ND	ND	ND	6.3	69
01/31/19 02:30 AM	9768	334	1.97	ND	ND	ND	ND	ND	ND	ND	6.2	72
01/31/19 03:00 AM	9918	333	1.97	ND	ND	ND	ND	ND	ND	ND	6.3	72
01/31/19 03:30 AM	10154	332	1.96	ND	ND	ND	ND	ND	ND	ND	6.7	67
01/31/19 04:00 AM	10150	331	1.96	ND	ND	ND	ND	ND	ND	ND	5.4	48
01/31/19 04:30 AM	10244	329	1.94	ND	ND	ND	ND	ND	ND	ND	5.8	65
01/31/19 05:00 AM	10480	327	1.92	ND	ND	ND	ND	ND	ND	ND	6.8	59
01/31/19 05:30 AM	10653	326	1.91	ND	ND	ND	ND	ND	ND	ND	7.5	63
01/31/19 06:00 AM	10847	326	1.92	ND	ND	ND	ND	ND	ND	ND	7.1	63
01/31/19 06:30 AM	11068	325	1.93	ND	ND	ND	ND	ND	ND	ND	8.7	70
01/31/19 07:00 AM	11167	325	1.93	ND	ND	ND	ND	ND	ND	ND	8.9	74
01/31/19 07:30 AM	11211	323	1.94	ND	ND	ND	ND	ND	ND	ND	8.1	70
01/31/19 08:00 AM	11353	323	1.97	ND	ND	ND	ND	ND	ND	ND	8.8	79
01/31/19 08:30 AM	11513	324	1.98	ND	ND	ND	ND	ND	ND	ND	8.2	77
01/31/19 09:00 AM	11609	319	1.96	ND	ND	ND	ND	ND	ND	ND	8.0	78
01/31/19 09:30 AM	11845	314	1.96	ND	ND	ND	ND	ND	ND	ND	8.6	79
01/31/19 10:00 AM	11221	242	1.78	ND	ND	ND	ND	ND	ND	ND	8.5	81
01/31/19 10:30 AM	9117	151	1.48	ND	ND	ND	ND	ND	ND	ND	8.2	85
01/31/19 11:00 AM	7267	97	1.14	ND	ND	ND	ND	ND	ND	ND	8.5	78
01/31/19 11:30 AM	9700	142	1.35	ND	ND	ND	ND	ND	ND	ND	9.8	81
01/31/19 12:00 PM	12642	247	1.71	ND	ND	ND	ND	ND	ND	ND	10.8	83
01/31/19 12:30 PM	13311	276	1.82	ND	ND	ND	ND	ND	ND	ND	10.8	88
01/31/19 01:00 PM	9895	139	1.40	ND	ND	ND	ND	ND	ND	ND	10.4	87
01/31/19 01:30 PM	10113	141	1.39	ND	ND	ND	ND	ND	ND	ND	9.5	90
01/31/19 02:00 PM	8936	114	1.25	ND	ND	ND	ND	ND	ND	ND	9.2	83
01/31/19 02:30 PM	8423	102	1.16	ND	ND	ND	ND	ND	ND	ND	11.6	81
01/31/19 03:00 PM	7926	94	1.06	ND	ND	ND	ND	ND	ND	ND	11.0	96
01/31/19 03:30 PM	7004	82	0.99	ND	ND	ND	ND	ND	ND	ND	11.8	90
01/31/19 04:00 PM	7984	100	1.19	ND	ND	ND	ND	ND	ND	ND	11.9	92
01/31/19 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.1	84
01/31/19 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.9	89
01/31/19 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.3	104
01/31/19 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.4	102
01/31/19 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.9	99
01/31/19 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.8	102
01/31/19 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.4	105
01/31/19 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	69
01/31/19 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	92
01/31/19 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.3	96
01/31/19 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.2	99
01/31/19 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.5	109
01/31/19 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.5	113
01/31/19 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	117
01/31/19 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.5	112
02/01/19 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	99

Daily Processed Summary (Average, Maximum)

Average	10082	255	1.71	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.7	88
Maximum Value	13311	337	1.98	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
February 2019**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			NONE			

**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
February 2019**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
			NONE			

# Open Path FTIR Daily (24-hour) Averages

Site: Formosa North AAMS

Timestamp	Capture (%)	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
2/1/2019	52	13550	300	1.79	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.8	77
2/2/2019	79	12665	229	1.56	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.0	98
2/3/2019	52	14165	208	1.42	BDL	0.00001	0.00024	BDL	BDL	BDL	BDL	5.8	151
2/4/2019	44	17353	263	1.58	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.0	172
2/5/2019	44	17946	274	1.58	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.8	160
2/6/2019	88	17216	258	1.54	BDL	BDL	BDL	BDL	BDL	BDL	BDL	12.1	160
2/7/2019	100	13176	290	1.70	BDL	0.00001	BDL	BDL	BDL	BDL	BDL	5.4	36
2/8/2019	100	4132	278	1.80	BDL	BDL	BDL	0.00014	BDL	0.00004	BDL	16.0	14
2/9/2019	96	5058	279	1.83	BDL	0.00002	BDL	BDL	BDL	0.00015	0.00016	11.2	22
2/10/2019	100	9181	254	1.81	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.7	3
2/11/2019	67	14584	264	1.74	BDL	0.00002	BDL	BDL	BDL	BDL	BDL	2.9	165
2/12/2019	94	7876	284	1.84	BDL	0.00001	BDL	0.00005	BDL	BDL	BDL	7.7	342
2/13/2019	0											5.9	132
2/14/2019	23	13792	276	1.67	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.8	187
2/15/2019	94	13623	228	1.52	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.0	196
2/16/2019	60	11925	281	1.88	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.4	25
2/17/2019	81	10093	281	1.88	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.0	22
2/18/2019	100	6086	313	1.91	BDL	BDL	BDL	BDL	BDL	BDL	BDL	11.2	38
2/19/2019	100	8222	276	1.79	BDL	BDL	BDL	0.00005	BDL	BDL	BDL	8.9	17
2/20/2019	100	7624	312	1.92	BDL	BDL	BDL	0.00005	BDL	BDL	BDL	8.6	2
2/21/2019	98	9839	285	1.90	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.9	26
2/22/2019	46	7505	114	1.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.8	18
2/23/2019	88	12347	277	1.74	BDL	BDL	BDL	BDL	BDL	BDL	0.00040	1.8	234
2/24/2019	100	6027	317	2.05	BDL	0.00004	BDL	BDL	BDL	BDL	BDL	7.0	27
2/25/2019	90	9374	292	1.91	BDL	BDL	BDL	0.00021	BDL	0.00006	0.00013	9.0	75
2/26/2019	58	14439	204	1.43	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.2	120
2/27/2019	63	17812	294	1.65	BDL	BDL	BDL	BDL	BDL	0.00006	BDL	3.8	163
2/28/2019	92	9645	251	1.79	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.7	34

## Daily Processed Summary (Average, Maximum)

Average	75	11306	266	1.72	BDL	0.00000	0.00001	0.00002	BDL	0.00001	0.00003	3.2	63
Maximum Value	100	17946	317	2.05	BDL	0.00004	0.00024	0.00021	BDL	0.00015	0.00040		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/01/19 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	87
02/01/19 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	89
02/01/19 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	60
02/01/19 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	73
02/01/19 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	20
02/01/19 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	36
02/01/19 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	21
02/01/19 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	8
02/01/19 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	126
02/01/19 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	31
02/01/19 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	28
02/01/19 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	35
02/01/19 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	13
02/01/19 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	25
02/01/19 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	37
02/01/19 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	49
02/01/19 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	25
02/01/19 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	34
02/01/19 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	42
02/01/19 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	33
02/01/19 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	49
02/01/19 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	70
02/01/19 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.4	76
02/01/19 12:00 PM	15821	370	2.07	ND	ND	ND	ND	ND	ND	ND	8.1	79
02/01/19 12:30 PM	15860	369	2.01	ND	ND	ND	ND	ND	ND	ND	7.8	68
02/01/19 01:00 PM	15959	363	2.00	ND	ND	ND	ND	ND	ND	ND	6.0	71
02/01/19 01:30 PM	14928	329	1.83	ND	ND	ND	ND	ND	ND	ND	7.8	84
02/01/19 02:00 PM	14305	312	1.74	ND	ND	ND	ND	ND	ND	ND	8.2	94
02/01/19 02:30 PM	14280	311	1.75	ND	ND	ND	ND	ND	ND	ND	8.0	95
02/01/19 03:00 PM	14216	296	1.72	ND	ND	ND	ND	ND	ND	ND	5.7	75
02/01/19 03:30 PM	13974	294	1.67	ND	ND	ND	ND	ND	ND	ND	8.3	109
02/01/19 04:00 PM	13964	287	1.68	ND	ND	ND	ND	ND	ND	ND	8.7	115
02/01/19 04:30 PM	13527	266	1.62	ND	ND	ND	ND	ND	ND	ND	8.6	107
02/01/19 05:00 PM	13574	282	1.67	ND	ND	ND	ND	ND	ND	ND	10.2	103
02/01/19 05:30 PM	13579	288	1.71	ND	ND	ND	ND	ND	ND	ND	10.4	100
02/01/19 06:00 PM	13405	292	1.72	ND	ND	ND	ND	ND	ND	ND	9.5	107
02/01/19 06:30 PM	13362	289	1.84	ND	ND	ND	ND	ND	ND	ND	8.2	92
02/01/19 07:00 PM	13253	289	1.82	ND	ND	ND	ND	ND	ND	ND	11.6	91
02/01/19 07:30 PM	12838	288	1.78	ND	ND	ND	ND	ND	ND	ND	14.4	90
02/01/19 08:00 PM	12632	288	1.80	ND	ND	ND	ND	ND	ND	ND	10.9	88
02/01/19 08:30 PM	12373	288	1.74	ND	ND	ND	ND	ND	ND	ND	12.3	80
02/01/19 09:00 PM	12258	288	1.74	ND	ND	ND	ND	ND	ND	ND	11.6	81
02/01/19 09:30 PM	12254	288	1.76	ND	ND	ND	ND	ND	ND	ND	11.9	83
02/01/19 10:00 PM	12279	287	1.78	ND	ND	ND	ND	ND	ND	ND	11.2	84
02/01/19 10:30 PM	12297	280	1.79	ND	ND	ND	ND	ND	ND	ND	9.7	86
02/01/19 11:00 PM	12420	286	1.80	ND	ND	ND	ND	ND	ND	ND	10.3	86
02/01/19 11:30 PM	12566	285	1.80	ND	ND	ND	ND	ND	ND	ND	9.7	88
02/02/19 12:00 AM	12832	285	1.80	ND	ND	ND	ND	ND	ND	ND	11.2	90

Daily Processed Summary (Average, Maximum)

Average	13550	300	1.79	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.8	77
Maximum Value	15959	370	2.07	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/02/19 12:30 AM	13030	282	1.78	ND	ND	ND	ND	ND	ND	ND	11.4	90
02/02/19 01:00 AM	12948	262	1.75	ND	ND	ND	ND	ND	ND	ND	10.5	91
02/02/19 01:30 AM	12705	245	1.73	ND	ND	ND	ND	ND	ND	ND	8.5	86
02/02/19 02:00 AM	12686	241	1.65	ND	ND	ND	ND	ND	ND	ND	8.2	80
02/02/19 02:30 AM	13119	261	1.67	ND	ND	ND	ND	ND	ND	ND	8.4	79
02/02/19 03:00 AM	13300	272	1.68	ND	ND	ND	ND	ND	ND	ND	8.5	77
02/02/19 03:30 AM	13258	272	1.67	ND	ND	ND	ND	ND	ND	ND	8.1	69
02/02/19 04:00 AM	13339	277	1.68	ND	ND	ND	ND	ND	ND	ND	7.4	74
02/02/19 04:30 AM	12916	254	1.64	ND	ND	ND	ND	ND	ND	ND	7.9	76
02/02/19 05:00 AM	9161	115	1.25	ND	ND	ND	ND	ND	ND	ND	8.9	86
02/02/19 05:30 AM	10859	165	1.48	ND	ND	ND	ND	ND	ND	ND	8.4	90
02/02/19 06:00 AM	11677	194	1.56	ND	ND	ND	ND	ND	ND	ND	8.3	97
02/02/19 06:30 AM	12290	211	1.58	ND	ND	ND	ND	ND	ND	ND	9.5	98
02/02/19 07:00 AM	12732	230	1.59	ND	ND	ND	ND	ND	ND	ND	8.8	104
02/02/19 07:30 AM	13058	237	1.60	ND	ND	ND	ND	ND	ND	ND	11.3	105
02/02/19 08:00 AM	12107	193	1.46	ND	ND	ND	ND	ND	ND	ND	11.9	104
02/02/19 08:30 AM	12207	196	1.48	ND	ND	ND	ND	ND	ND	ND	11.1	106
02/02/19 09:00 AM	13862	261	1.70	ND	ND	ND	ND	ND	ND	ND	10.7	99
02/02/19 09:30 AM	14027	265	1.76	ND	ND	ND	ND	ND	ND	ND	10.9	93
02/02/19 10:00 AM	14278	277	1.77	ND	ND	ND	ND	ND	ND	ND	11.3	93
02/02/19 10:30 AM	14609	285	1.74	ND	ND	ND	ND	ND	ND	ND	9.9	101
02/02/19 11:00 AM	14836	290	1.73	ND	ND	ND	ND	ND	ND	ND	10.1	105
02/02/19 11:30 AM	14910	292	1.71	ND	ND	ND	ND	ND	ND	ND	12.6	102
02/02/19 12:00 PM	15087	294	1.72	ND	ND	ND	ND	ND	ND	ND	13.7	106
02/02/19 12:30 PM	15169	294	1.70	ND	ND	ND	ND	ND	ND	ND	12.2	109
02/02/19 01:00 PM	15171	293	1.70	ND	ND	ND	ND	ND	ND	ND	11.4	108
02/02/19 01:30 PM	15296	293	1.70	ND	ND	ND	ND	ND	ND	ND	10.9	109
02/02/19 02:00 PM	15128	292	1.71	ND	ND	ND	ND	ND	ND	ND	12.1	102
02/02/19 02:30 PM	15036	286	1.73	ND	ND	ND	ND	ND	ND	ND	11.4	100
02/02/19 03:00 PM	14163	249	1.60	ND	ND	ND	ND	ND	ND	ND	10.8	105
02/02/19 03:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.4	105
02/02/19 04:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.6	102
02/02/19 04:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.8	102
02/02/19 05:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.3	136
02/02/19 05:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.7	139
02/02/19 06:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.1	102
02/02/19 06:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.2	90
02/02/19 07:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.7	110
02/02/19 07:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.8	94
02/02/19 08:00 PM	10355	LS	1.20	ND	ND	ND	ND	ND	ND	ND	8.4	100
02/02/19 08:30 PM	11475	LS	1.41	ND	ND	ND	ND	ND	ND	ND	9.4	100
02/02/19 09:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.4	96
02/02/19 09:30 PM	8439	LS	1.03	ND	ND	ND	ND	ND	ND	ND	6.4	89
02/02/19 10:00 PM	7898	LS	1.07	ND	ND	ND	ND	ND	ND	ND	7.2	99
02/02/19 10:30 PM	5911	LS	0.85	ND	ND	ND	ND	ND	ND	ND	6.4	92
02/02/19 11:00 PM	8713	LS	1.08	ND	ND	ND	ND	ND	ND	ND	7.0	95
02/02/19 11:30 PM	12530	199	1.52	ND	ND	ND	ND	ND	ND	ND	6.7	100
02/03/19 12:00 AM	12980	211	1.64	ND	ND	ND	ND	ND	ND	ND	6.7	101

Daily Processed Summary (Average, Maximum)

Average	12665	250	1.56	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.0	98
Maximum Value	15296	294	1.78	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6HG_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/03/19 12:30 AM	12321	194	1.52	ND	ND	ND	ND	ND	ND	ND	6.1	102
02/03/19 01:00 AM	12435	199	1.71	ND	ND	ND	ND	ND	ND	ND	5.2	89
02/03/19 01:30 AM	6649	80	0.85	ND	ND	ND	ND	ND	ND	ND	5.1	87
02/03/19 02:00 AM	7428	94	0.86	ND	ND	ND	ND	ND	ND	ND	3.5	74
02/03/19 02:30 AM	8070	103	0.96	ND	ND	ND	ND	ND	ND	ND	5.0	98
02/03/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.6	111
02/03/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.4	113
02/03/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.0	114
02/03/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.0	107
02/03/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.5	106
02/03/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.0	95
02/03/19 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.0	96
02/03/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.4	104
02/03/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.5	122
02/03/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.0	125
02/03/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.0	146
02/03/19 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.4	148
02/03/19 09:30 AM	10773	LS	1.07	ND	ND	ND	ND	ND	ND	ND	7.6	172
02/03/19 10:00 AM	12122	LS	1.25	ND	ND	ND	ND	ND	ND	ND	8.1	178
02/03/19 10:30 AM	8984	LS	0.95	ND	ND	ND	ND	ND	ND	ND	6.1	185
02/03/19 11:00 AM	10087	LS	1.04	ND	ND	ND	ND	ND	ND	ND	7.2	179
02/03/19 11:30 AM	12284	LS	1.25	ND	ND	ND	ND	ND	ND	ND	6.4	182
02/03/19 12:00 PM	14977	195	1.47	ND	ND	ND	ND	ND	ND	ND	7.9	180
02/03/19 12:30 PM	14583	184	1.42	ND	ND	ND	ND	ND	ND	ND	9.0	178
02/03/19 01:00 PM	16805	259	1.63	ND	ND	ND	ND	ND	ND	ND	6.8	182
02/03/19 01:30 PM	16997	255	1.61	ND	ND	ND	ND	ND	ND	ND	7.6	177
02/03/19 02:00 PM	17161	260	1.63	ND	ND	ND	ND	ND	ND	ND	6.4	181
02/03/19 02:30 PM	17745	284	1.66	ND	ND	ND	ND	ND	ND	ND	6.4	185
02/03/19 03:00 PM	17882	289	1.67	ND	ND	ND	ND	ND	ND	ND	6.5	181
02/03/19 03:30 PM	17937	293	1.68	ND	ND	ND	ND	ND	ND	ND	7.8	182
02/03/19 04:00 PM	18092	297	1.68	ND	ND	ND	ND	ND	ND	ND	9.2	183
02/03/19 04:30 PM	17949	298	1.66	ND	ND	ND	ND	ND	ND	ND	8.1	191
02/03/19 05:00 PM	17924	300	1.67	ND	ND	ND	ND	ND	ND	ND	8.4	181
02/03/19 05:30 PM	17869	299	1.69	ND	ND	ND	ND	ND	ND	ND	7.0	176
02/03/19 06:00 PM	17811	299	1.67	ND	0.00071	0.00317	ND	ND	ND	ND	6.4	163
02/03/19 06:30 PM	15948	239	1.54	ND	ND	0.00843	ND	ND	ND	ND	6.4	126
02/03/19 07:00 PM	13282	175	1.33	ND	ND	ND	ND	ND	ND	ND	8.5	127
02/03/19 07:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.8	142
02/03/19 08:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.9	144
02/03/19 08:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.8	157
02/03/19 09:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.8	159
02/03/19 09:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.6	161
02/03/19 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.7	168
02/03/19 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.9	152
02/03/19 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.7	139
02/03/19 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.4	155
02/04/19 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.2	179

Daily Processed Summary (Average, Maximum)

Average	14165	230	1.42	BDL	0.00001	0.00024	BDL	BDL	BDL	BDL	5.8	151
Maximum Value	18092	300	1.71	BDL	0.00071	0.00843	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/04/19 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.0	188
02/04/19 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.5	185
02/04/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.5	186
02/04/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.5	181
02/04/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.3	177
02/04/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.1	178
02/04/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.6	187
02/04/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.5	178
02/04/19 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.4	173
02/04/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.4	176
02/04/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.9	182
02/04/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.4	181
02/04/19 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.1	180
02/04/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.7	179
02/04/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.8	176
02/04/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.4	178
02/04/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.9	164
02/04/19 09:00 AM	10328	LS	LS	ND	ND	ND	ND	ND	ND	ND	5.1	186
02/04/19 09:30 AM	14471	179	1.37	ND	ND	ND	ND	ND	ND	ND	6.5	187
02/04/19 10:00 AM	16620	238	1.55	ND	ND	ND	ND	ND	ND	ND	6.4	187
02/04/19 10:30 AM	17393	266	1.62	ND	ND	ND	ND	ND	ND	ND	6.3	184
02/04/19 11:00 AM	17585	278	1.63	ND	ND	ND	ND	ND	ND	ND	5.3	183
02/04/19 11:30 AM	17582	276	1.65	ND	ND	ND	ND	ND	ND	ND	4.3	199
02/04/19 12:00 PM	17900	274	1.63	ND	ND	ND	ND	ND	ND	ND	3.6	196
02/04/19 12:30 PM	17961	277	1.65	ND	ND	ND	ND	ND	ND	ND	3.4	188
02/04/19 01:00 PM	18386	284	1.65	ND	ND	ND	ND	ND	ND	ND	5.4	151
02/04/19 02:00 PM	18921	298	1.67	ND	ND	ND	ND	ND	ND	ND	6.2	138
02/04/19 02:30 PM	18842	302	1.71	ND	ND	ND	ND	ND	ND	ND	9.4	173
02/04/19 03:00 PM	18991	303	1.69	ND	ND	ND	ND	ND	ND	ND	6.8	182
02/04/19 03:30 PM	18794	302	1.68	ND	ND	ND	ND	ND	ND	ND	6.1	178
02/04/19 04:00 PM	18740	299	1.67	ND	ND	ND	ND	ND	ND	ND	5.8	179
02/04/19 04:30 PM	18700	299	1.69	ND	ND	ND	ND	ND	ND	ND	6.1	171
02/04/19 05:00 PM	18757	299	1.68	ND	ND	ND	ND	ND	ND	ND	5.2	123
02/04/19 05:30 PM	18860	299	1.67	ND	ND	ND	ND	ND	ND	ND	5.8	114
02/04/19 06:00 PM	18729	301	1.68	ND	ND	ND	ND	ND	ND	ND	5.9	119
02/04/19 06:30 PM	18277	297	1.67	ND	ND	ND	ND	ND	ND	ND	6.5	126
02/04/19 07:00 PM	15359	201	1.41	ND	ND	ND	ND	ND	ND	ND	9.0	163
02/04/19 07:30 PM	13209	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.9	178
02/04/19 08:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.4	180
02/04/19 08:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.7	176
02/04/19 09:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.1	154
02/04/19 09:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.5	151
02/04/19 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.1	171
02/04/19 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.9	168
02/04/19 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.9	178
02/04/19 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS		
02/05/19 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS		

Daily Processed Summary (Average, Maximum)

Average	17353	278	1.63	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.0	172
Maximum Value	18991	303	1.71	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/05/19 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.2	179
02/05/19 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.9	174
02/05/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.1	180
02/05/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.6	183
02/05/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.6	183
02/05/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.8	187
02/05/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.0	182
02/05/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.5	179
02/05/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.5	186
02/05/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.4	187
02/05/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.4	178
02/05/19 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.1	183
02/05/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.5	151
02/05/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.7	132
02/05/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.1	128
02/05/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.2	143
02/05/19 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.3	138
02/05/19 09:30 AM	11830	128	1.05	ND	ND	ND	ND	ND	ND	ND	9.3	150
02/05/19 10:00 AM	17320	240	1.55	ND	ND	ND	ND	ND	ND	ND	9.2	167
02/05/19 10:30 AM	18255	273	1.61	ND	ND	ND	ND	ND	ND	ND	10.6	172
02/05/19 11:00 AM	18542	286	1.65	ND	ND	ND	ND	ND	ND	ND	11.2	173
02/05/19 11:30 AM	18832	294	1.64	ND	ND	ND	ND	ND	ND	ND	11.7	178
02/05/19 12:00 PM	19203	299	1.65	ND	ND	ND	ND	ND	ND	ND	12.2	172
02/05/19 12:30 PM	19237	298	1.65	ND	ND	ND	ND	ND	ND	ND	11.3	176
02/05/19 01:00 PM	19300	300	1.66	ND	ND	ND	ND	ND	ND	ND	11.8	172
02/05/19 01:30 PM	19266	302	1.68	ND	ND	ND	ND	ND	ND	ND	12.4	170
02/05/19 02:00 PM	19133	302	1.67	ND	ND	ND	ND	ND	ND	ND	13.6	168
02/05/19 02:30 PM	19099	301	1.67	ND	ND	ND	ND	ND	ND	ND	12.0	171
02/05/19 03:00 PM	18951	304	1.67	ND	ND	ND	ND	ND	ND	ND	11.3	168
02/05/19 03:30 PM	19182	305	1.68	ND	ND	ND	ND	ND	ND	ND	12.5	165
02/05/19 04:00 PM	19172	305	1.67	ND	ND	ND	ND	ND	ND	ND	13.1	165
02/05/19 04:30 PM	18991	301	1.64	ND	ND	ND	ND	ND	ND	ND	13.0	174
02/05/19 05:00 PM	18783	299	1.64	ND	ND	ND	ND	ND	ND	ND	12.6	170
02/05/19 05:30 PM	18878	301	1.65	ND	ND	ND	ND	ND	ND	ND	14.8	162
02/05/19 06:00 PM	18884	302	1.66	ND	ND	ND	ND	ND	ND	ND	14.6	158
02/05/19 06:30 PM	18558	299	1.66	ND	ND	ND	ND	ND	ND	ND	10.6	147
02/05/19 07:00 PM	16395	238	1.50	ND	ND	ND	ND	ND	ND	ND	8.4	136
02/05/19 07:30 PM	9053	LS	0.85	ND	ND	ND	ND	ND	ND	ND	9.9	125
02/05/19 08:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.1	133
02/05/19 08:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.8	138
02/05/19 09:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	14.2	139
02/05/19 09:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	14.7	139
02/05/19 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	14.1	138
02/05/19 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	14.8	142
02/05/19 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	15.5	144
02/05/19 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	15.1	144
02/06/19 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	14.2	147

Daily Processed Summary (Average, Maximum)

Average	17946	284	1.58	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.8	160
Maximum Value	19300	305	1.68	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/06/19 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	14.2	149
02/06/19 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	13.8	147
02/06/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.8	151
02/06/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.2	151
02/06/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.5	159
02/06/19 03:00 AM	12922	145	1.17	ND	ND	ND	ND	ND	ND	ND	13.3	167
02/06/19 03:30 AM	15265	188	1.33	ND	ND	ND	ND	ND	ND	ND	11.6	170
02/06/19 04:00 AM	17479	250	1.58	ND	ND	ND	ND	ND	ND	ND	13.0	173
02/06/19 04:30 AM	17947	266	1.62	ND	ND	ND	ND	ND	ND	ND	12.1	172
02/06/19 05:00 AM	17763	261	1.59	ND	ND	ND	ND	ND	ND	ND	12.6	174
02/06/19 05:30 AM	17373	252	1.56	ND	ND	ND	ND	ND	ND	ND	10.4	178
02/06/19 06:00 AM	17496	257	1.58	ND	ND	ND	ND	ND	ND	ND	11.1	172
02/06/19 06:30 AM	18278	275	1.61	ND	ND	ND	ND	ND	ND	ND	10.9	172
02/06/19 07:00 AM	18387	286	1.64	ND	ND	ND	ND	ND	ND	ND	10.1	172
02/06/19 07:30 AM	18298	290	1.65	ND	ND	ND	ND	ND	ND	ND	10.1	171
02/06/19 08:00 AM	18025	292	1.66	ND	ND	ND	ND	ND	ND	ND	9.2	174
02/06/19 08:30 AM	18029	292	1.65	ND	ND	ND	ND	ND	ND	ND	10.1	173
02/06/19 09:00 AM	18276	293	1.65	ND	ND	ND	ND	ND	ND	ND	9.5	178
02/06/19 09:30 AM	18380	291	1.63	ND	ND	ND	ND	ND	ND	ND	10.7	172
02/06/19 10:00 AM	18843	299	1.67	ND	ND	ND	ND	ND	ND	ND	16.0	164
02/06/19 10:30 AM	18814	298	1.65	ND	ND	ND	ND	ND	ND	ND	13.6	170
02/06/19 11:00 AM	18858	297	1.64	ND	ND	ND	ND	ND	ND	ND	12.9	172
02/06/19 11:30 AM	18769	298	1.64	ND	ND	ND	ND	ND	ND	ND	10.8	189
02/06/19 12:00 PM	18704	298	1.63	ND	ND	ND	ND	ND	ND	ND	12.5	189
02/06/19 12:30 PM	18722	300	1.64	ND	ND	ND	ND	ND	ND	ND	12.5	189
02/06/19 01:00 PM	18728	300	1.64	ND	ND	ND	ND	ND	ND	ND	14.1	186
02/06/19 01:30 PM	18662	301	1.64	ND	ND	ND	ND	ND	ND	ND	13.9	189
02/06/19 02:00 PM	18416	300	1.63	ND	ND	ND	ND	ND	ND	ND	13.5	192
02/06/19 02:30 PM	18417	302	1.64	ND	ND	ND	ND	ND	ND	ND	15.4	184
02/06/19 03:00 PM	18781	306	1.67	ND	ND	ND	ND	ND	ND	ND	13.9	160
02/06/19 03:30 PM	18999	306	1.66	ND	ND	ND	ND	ND	ND	ND	13.5	163
02/06/19 04:00 PM	19008	308	1.66	ND	ND	ND	ND	ND	ND	ND	13.6	162
02/06/19 04:30 PM	18838	308	1.67	ND	ND	ND	ND	ND	ND	ND	13.6	158
02/06/19 05:00 PM	18741	302	1.65	ND	ND	ND	ND	ND	ND	ND	10.8	142
02/06/19 05:30 PM	18415	296	1.63	ND	ND	ND	ND	ND	ND	ND	9.9	132
02/06/19 06:00 PM	18290	288	1.62	ND	ND	ND	ND	ND	ND	ND	12.1	134
02/06/19 06:30 PM	17880	272	1.59	ND	ND	ND	ND	ND	ND	ND	12.3	132
02/06/19 07:00 PM	16627	228	1.50	ND	ND	ND	ND	ND	ND	ND	10.7	133
02/06/19 07:30 PM	14897	182	1.37	ND	ND	ND	ND	ND	ND	ND	11.5	132
02/06/19 08:00 PM	13125	144	1.21	ND	ND	ND	ND	ND	ND	ND	14.6	134
02/06/19 08:30 PM	9744	84	0.90	ND	ND	ND	ND	ND	ND	ND	17.5	137
02/06/19 09:00 PM	12692	135	1.13	ND	ND	ND	ND	ND	ND	ND	17.0	141
02/06/19 09:30 PM	13374	155	1.17	ND	ND	ND	ND	ND	ND	ND	19.6	146
02/06/19 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	18.1	147
02/06/19 10:30 PM	10430	104	0.95	ND	ND	ND	ND	ND	ND	ND	14.0	146
02/06/19 11:00 PM	16391	233	1.48	ND	ND	ND	ND	ND	ND	ND	14.0	144
02/06/19 11:30 PM	17921	286	1.63	ND	ND	ND	ND	ND	ND	ND	12.0	145
02/07/19 12:00 AM	18069	294	1.65	ND	ND	ND	ND	ND	ND	ND	12.0	146

Daily Processed Summary (Average, Maximum)

Average	17216	258	1.54	BDL	BDL	BDL	BDL	BDL	BDL	BDL	12.1	160
Maximum Value	19008	308	1.67	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/07/19 12:30 AM	18093	294	1.64	ND	ND	ND	ND	ND	ND	ND	15.4	147
02/07/19 01:00 AM	18112	295	1.65	ND	ND	ND	ND	ND	ND	ND	18.1	152
02/07/19 01:30 AM	18039	290	1.63	ND	ND	ND	ND	ND	ND	ND	17.4	156
02/07/19 02:00 AM	18074	286	1.63	ND	ND	ND	ND	ND	ND	ND	18.2	155
02/07/19 02:30 AM	18058	286	1.63	ND	ND	ND	ND	ND	ND	ND	17.7	158
02/07/19 03:00 AM	18111	293	1.64	ND	ND	ND	ND	ND	ND	ND	20.7	155
02/07/19 03:30 AM	18019	297	1.65	ND	ND	ND	ND	ND	ND	ND	21.7	153
02/07/19 04:00 AM	17665	290	1.62	ND	ND	ND	ND	ND	ND	ND	11.4	191
02/07/19 04:30 AM	17648	286	1.61	ND	ND	ND	ND	ND	ND	ND	4.3	222
02/07/19 05:00 AM	17725	287	1.61	ND	ND	ND	ND	ND	ND	ND	4.4	194
02/07/19 05:30 AM	17791	288	1.61	ND	ND	ND	ND	ND	ND	ND	4.7	199
02/07/19 06:00 AM	17819	287	1.62	ND	ND	ND	ND	ND	ND	ND	4.9	199
02/07/19 06:30 AM	17772	287	1.62	ND	ND	ND	ND	ND	ND	ND	5.2	184
02/07/19 07:00 AM	17814	288	1.63	ND	ND	ND	ND	ND	ND	ND	5.1	183
02/07/19 07:30 AM	17758	288	1.63	ND	ND	ND	ND	ND	ND	ND	9.7	167
02/07/19 08:00 AM	17879	292	1.64	ND	ND	ND	ND	ND	ND	ND	13.1	161
02/07/19 08:30 AM	17865	294	1.64	ND	ND	ND	ND	ND	ND	ND	14.3	159
02/07/19 09:00 AM	17882	291	1.64	ND	ND	ND	ND	ND	ND	ND	14.6	164
02/07/19 09:30 AM	17663	285	1.61	ND	ND	ND	ND	ND	ND	ND	12.3	173
02/07/19 10:00 AM	17829	293	1.62	ND	ND	ND	ND	ND	ND	ND	8.9	177
02/07/19 10:30 AM	17742	292	1.63	ND	ND	ND	ND	ND	ND	ND	4.6	193
02/07/19 11:00 AM	17989	293	1.64	ND	ND	ND	ND	ND	ND	ND	4.8	178
02/07/19 11:30 AM	18271	295	1.66	ND	ND	ND	ND	ND	ND	ND	4.0	170
02/07/19 12:00 PM	18254	294	1.65	ND	ND	ND	ND	ND	ND	ND	3.2	210
02/07/19 12:30 PM	18289	289	1.67	ND	ND	ND	ND	ND	ND	ND	1.9	286
02/07/19 01:00 PM	16375	289	1.67	ND	ND	ND	ND	ND	ND	ND	12.5	62
02/07/19 01:30 PM	11813	281	1.69	ND	ND	ND	ND	ND	ND	ND	19.3	13
02/07/19 02:00 PM	11574	287	1.69	ND	ND	ND	ND	ND	ND	ND	17.1	11
02/07/19 02:30 PM	12005	290	1.70	ND	ND	ND	ND	ND	ND	ND	16.5	12
02/07/19 03:00 PM	12194	292	1.72	ND	ND	ND	ND	ND	ND	ND	16.3	11
02/07/19 03:30 PM	11258	294	1.73	ND	ND	ND	ND	ND	ND	ND	19.2	13
02/07/19 04:00 PM	9160	297	1.77	ND	ND	ND	ND	ND	ND	ND	23.0	6
02/07/19 04:30 PM	8256	298	1.77	ND	ND	ND	ND	ND	ND	ND	20.7	9
02/07/19 05:00 PM	7809	297	1.78	ND	ND	ND	ND	ND	ND	ND	21.6	7
02/07/19 05:30 PM	7927	295	1.79	ND	ND	ND	ND	ND	ND	ND	19.0	9
02/07/19 06:00 PM	7370	294	1.79	ND	ND	ND	ND	ND	ND	ND	19.9	7
02/07/19 06:30 PM	6931	291	1.79	ND	0.00061	ND	ND	ND	ND	ND	19.9	8
02/07/19 07:00 PM	6352	288	1.77	ND	ND	ND	ND	ND	ND	ND	21.7	11
02/07/19 07:30 PM	6049	289	1.79	ND	ND	ND	ND	ND	ND	ND	23.1	9
02/07/19 08:00 PM	5952	289	1.80	ND	ND	ND	ND	ND	ND	ND	23.4	11
02/07/19 08:30 PM	6052	287	1.80	ND	ND	ND	ND	ND	ND	ND	22.7	9
02/07/19 09:00 PM	6067	287	1.81	ND	ND	ND	ND	ND	ND	ND	22.0	10
02/07/19 09:30 PM	6111	287	1.81	ND	ND	ND	ND	ND	ND	ND	20.6	11
02/07/19 10:00 PM	5374	288	1.81	ND	ND	ND	ND	ND	ND	ND	21.3	12
02/07/19 10:30 PM	5081	286	1.80	ND	ND	ND	ND	ND	ND	ND	21.9	11
02/07/19 11:00 PM	4823	285	1.80	ND	ND	ND	ND	ND	ND	ND	21.7	9
02/07/19 11:30 PM	4809	285	1.80	ND	ND	ND	ND	ND	ND	ND	20.5	11
02/08/19 12:00 AM	4821	284	1.80	ND	ND	ND	ND	ND	ND	ND	19.5	11

Daily Processed Summary (Average, Maximum)

Average	13176	290	1.70	BDL	0.00001	BDL	BDL	BDL	BDL	BDL	5.4	36
Maximum Value	18289	298	1.81	BDL	0.00061	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/08/19 12:30 AM	4847	284	1.81	ND	ND	ND	ND	ND	ND	ND	20.1	10
02/08/19 01:00 AM	4726	283	1.81	ND	ND	ND	ND	ND	ND	ND	19.7	10
02/08/19 01:30 AM	4712	281	1.81	ND	ND	ND	ND	ND	ND	ND	20.4	10
02/08/19 02:00 AM	4556	282	1.80	ND	ND	ND	ND	ND	ND	ND	20.0	11
02/08/19 02:30 AM	4738	281	1.80	ND	ND	ND	ND	ND	ND	ND	16.8	7
02/08/19 03:00 AM	4733	281	1.81	ND	ND	ND	ND	ND	ND	ND	18.9	8
02/08/19 03:30 AM	4750	281	1.82	ND	ND	ND	ND	ND	0.00191	ND	19.6	6
02/08/19 04:00 AM	4534	281	1.81	ND	ND	ND	ND	ND	ND	ND	21.5	9
02/08/19 04:30 AM	4341	281	1.81	ND	ND	ND	ND	ND	ND	ND	19.5	9
02/08/19 05:00 AM	4284	280	1.80	ND	ND	ND	ND	ND	ND	ND	19.4	10
02/08/19 05:30 AM	4223	278	1.80	ND	ND	ND	ND	ND	ND	ND	19.7	11
02/08/19 06:00 AM	4158	279	1.80	ND	ND	ND	ND	ND	ND	ND	19.1	14
02/08/19 06:30 AM	4145	280	1.81	ND	ND	ND	0.00432	ND	ND	ND	19.1	15
02/08/19 07:00 AM	4084	279	1.80	ND	ND	ND	ND	ND	ND	ND	17.6	12
02/08/19 07:30 AM	4027	279	1.81	ND	ND	ND	ND	ND	ND	ND	17.8	14
02/08/19 08:00 AM	3943	278	1.80	ND	ND	ND	ND	ND	ND	ND	16.7	13
02/08/19 08:30 AM	3897	278	1.80	ND	ND	ND	ND	ND	ND	ND	16.9	9
02/08/19 09:00 AM	3775	278	1.80	ND	ND	ND	ND	ND	ND	ND	17.3	17
02/08/19 09:30 AM	3762	279	1.81	ND	ND	ND	ND	ND	ND	ND	17.6	16
02/08/19 10:00 AM	3763	279	1.79	ND	ND	ND	ND	ND	ND	ND	17.3	14
02/08/19 10:30 AM	3735	279	1.79	ND	ND	ND	ND	ND	ND	ND	17.7	13
02/08/19 11:00 AM	3740	278	1.78	ND	ND	ND	ND	ND	ND	ND	16.8	10
02/08/19 11:30 AM	3756	279	1.79	ND	ND	ND	ND	ND	ND	ND	18.8	5
02/08/19 12:00 PM	3692	279	1.78	ND	ND	ND	ND	ND	ND	ND	18.1	66
02/08/19 12:30 PM	3737	279	1.79	ND	ND	ND	ND	ND	ND	ND	17.2	13
02/08/19 01:00 PM	3725	280	1.79	ND	ND	ND	ND	ND	ND	ND	17.6	10
02/08/19 01:30 PM	3776	280	1.79	ND	ND	ND	ND	ND	ND	ND	16.4	124
02/08/19 02:00 PM	3984	280	1.79	ND	ND	ND	ND	ND	ND	ND	17.9	296
02/08/19 02:30 PM	3986	278	1.80	ND	ND	ND	ND	ND	ND	ND	17.8	7
02/08/19 03:00 PM	3908	277	1.78	ND	ND	ND	ND	ND	ND	ND	18.3	10
02/08/19 03:30 PM	3806	277	1.78	ND	ND	ND	ND	ND	ND	ND	16.5	6
02/08/19 04:00 PM	3784	277	1.78	ND	ND	ND	ND	ND	ND	ND	15.3	15
02/08/19 04:30 PM	3774	278	1.79	ND	ND	ND	ND	ND	ND	ND	16.0	15
02/08/19 05:00 PM	3762	278	1.78	ND	ND	ND	ND	ND	ND	ND	16.2	12
02/08/19 05:30 PM	3920	278	1.78	ND	ND	ND	ND	ND	ND	ND	16.4	5
02/08/19 06:00 PM	4149	276	1.78	ND	ND	ND	ND	ND	ND	ND	15.2	9
02/08/19 06:30 PM	4196	275	1.78	ND	ND	ND	ND	ND	ND	ND	15.6	67
02/08/19 07:00 PM	4300	276	1.79	ND	ND	ND	0.00225	ND	ND	ND	14.2	15
02/08/19 07:30 PM	4172	275	1.82	ND	ND	ND	ND	ND	ND	ND	15.5	20
02/08/19 08:00 PM	4153	276	1.78	ND	ND	ND	ND	ND	ND	ND	14.5	15
02/08/19 08:30 PM	4106	276	1.79	ND	ND	ND	ND	ND	ND	ND	14.7	17
02/08/19 09:00 PM	4232	276	1.79	ND	ND	ND	ND	ND	ND	ND	14.6	15
02/08/19 09:30 PM	4263	276	1.81	ND	ND	ND	ND	ND	ND	ND	14.5	21
02/08/19 10:00 PM	4278	276	1.79	ND	ND	ND	ND	ND	ND	ND	13.0	17
02/08/19 10:30 PM	4387	276	1.78	ND	ND	ND	ND	ND	ND	ND	13.5	16
02/08/19 11:00 PM	4407	275	1.78	ND	ND	ND	ND	ND	ND	ND	13.2	9
02/08/19 11:30 PM	4306	275	1.78	ND	ND	ND	ND	ND	ND	ND	12.1	14
02/09/19 12:00 AM	4290	276	1.78	ND	ND	ND	ND	ND	ND	ND	14.3	16

Daily Processed Summary (Average, Maximum)

Average	4132	278	1.80	BDL	BDL	BDL	0.00014	BDL	0.00004	BDL	16.0	14
Maximum Value	4847	284	1.82	BDL	BDL	BDL	0.00432	BDL	0.00191	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Fornosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/09/19 12:30 AM	4235	276	1.79	ND	ND	ND	ND	ND	ND	ND	14.1	16
02/09/19 01:00 AM	4210	275	1.80	ND	ND	ND	ND	ND	ND	ND	14.9	20
02/09/19 01:30 AM	4308	276	1.80	ND	ND	ND	ND	ND	ND	ND	13.1	18
02/09/19 02:00 AM	4269	276	1.82	ND	ND	ND	ND	ND	ND	ND	13.9	19
02/09/19 02:30 AM	4317	277	1.84	ND	ND	ND	ND	ND	ND	ND	13.6	22
02/09/19 03:00 AM	4282	277	1.85	ND	ND	ND	ND	ND	ND	ND	13.2	19
02/09/19 03:30 AM	4359	277	1.80	ND	ND	ND	ND	ND	ND	ND	12.3	15
02/09/19 04:00 AM	4329	277	1.80	ND	ND	ND	ND	ND	ND	ND	12.7	14
02/09/19 04:30 AM	4317	276	1.79	ND	ND	ND	ND	ND	ND	ND	12.3	11
02/09/19 05:00 AM	4333	277	1.80	ND	ND	ND	ND	ND	ND	ND	12.2	7
02/09/19 05:30 AM	4417	275	1.79	ND	ND	ND	ND	ND	ND	ND	10.7	16
02/09/19 06:00 AM	4594	275	1.84	ND	0.00084	ND	ND	ND	ND	ND	10.4	19
02/09/19 06:30 AM	4566	276	1.81	ND	ND	ND	ND	ND	ND	ND	11.8	14
02/09/19 07:00 AM	4630	276	1.80	ND	ND	ND	ND	ND	ND	ND	11.2	17
02/09/19 07:30 AM	4639	274	1.81	ND	ND	ND	ND	ND	ND	ND	11.7	21
02/09/19 08:00 AM	4678	272	1.85	ND	ND	ND	ND	ND	ND	ND	10.8	32
02/09/19 08:30 AM	4896	267	1.88	ND	ND	ND	ND	ND	ND	0.00751	11.9	41
02/09/19 09:00 AM	4926	268	1.85	ND	ND	ND	ND	ND	ND	ND	12.0	45
02/09/19 09:30 AM	4839	276	1.81	ND	ND	ND	ND	ND	ND	ND	10.9	45
02/09/19 10:00 AM	4812	278	1.81	ND	ND	ND	ND	ND	ND	ND	11.0	34
02/09/19 10:30 AM	4897	280	1.82	ND	ND	ND	ND	ND	ND	ND	11.7	20
02/09/19 11:00 AM	5035	282	1.83	ND	ND	ND	ND	ND	0.00495	ND	10.8	19
02/09/19 11:30 AM	4958	282	1.84	ND	ND	ND	ND	ND	0.00230	ND	10.5	7
02/09/19 12:00 PM	4905	283	1.87	ND	ND	ND	ND	ND	ND	ND	12.0	4
02/09/19 12:30 PM	4984	283	1.85	ND	ND	ND	ND	ND	ND	ND	12.5	66
02/09/19 01:00 PM	4992	282	1.85	ND	ND	ND	ND	ND	ND	ND	13.6	7
02/09/19 01:30 PM	5152	282	1.84	ND	ND	ND	ND	ND	ND	ND	14.8	9
02/09/19 02:00 PM	5332	282	1.83	ND	ND	ND	ND	ND	ND	ND	14.4	10
02/09/19 02:30 PM	5446	282	1.84	ND	ND	ND	ND	ND	ND	ND	14.2	15
02/09/19 03:00 PM	5534	282	1.84	ND	ND	ND	ND	ND	ND	ND	15.2	21
02/09/19 03:30 PM	5700	281	1.83	ND	ND	ND	ND	ND	ND	ND	14.1	19
02/09/19 04:00 PM	5685	281	1.84	ND	ND	ND	ND	ND	ND	ND	12.5	26
02/09/19 04:30 PM	5565	281	1.84	ND	ND	ND	ND	ND	ND	ND	12.2	28
02/09/19 05:00 PM	5711	281	1.85	ND	ND	ND	ND	ND	ND	ND	10.4	32
02/09/19 05:30 PM	5712	282	1.93	ND	ND	ND	ND	ND	ND	ND	9.6	38
02/09/19 06:00 PM	5686	281	1.84	ND	ND	ND	ND	ND	ND	ND	8.6	29
02/09/19 06:30 PM	5647	282	1.81	ND	ND	ND	ND	ND	ND	ND	9.3	30
02/09/19 07:00 PM	5705	281	1.81	ND	ND	ND	ND	ND	ND	ND	8.3	33
02/09/19 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	33
02/09/19 08:00 PM	5728	281	1.81	ND	ND	ND	ND	ND	ND	ND	8.3	33
02/09/19 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	46
02/09/19 09:00 PM	5717	281	1.83	ND	ND	ND	ND	ND	ND	ND	6.2	45
02/09/19 09:30 PM	5543	281	1.84	ND	ND	ND	ND	ND	ND	ND	6.8	48
02/09/19 10:00 PM	5606	282	1.86	ND	ND	ND	ND	ND	ND	ND	6.8	36
02/09/19 10:30 PM	5704	283	1.88	ND	ND	ND	ND	ND	ND	ND	7.9	15
02/09/19 11:00 PM	5792	284	1.86	ND	ND	ND	ND	ND	ND	ND	8.8	6
02/09/19 11:30 PM	5974	284	1.92	ND	ND	ND	ND	ND	ND	ND		
02/10/19 12:00 AM	6017	284	1.87	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	5058	279	1.83	BDL	0.0002	BDL	BDL	BDL	0.00015	0.00016	11.2	22
Maximum Value	6017	284	1.93	BDL	0.00084	BDL	BDL	BDL	0.00495	0.00751		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/10/19 12:30 AM	6060	282	1.86	ND	ND	ND	ND	ND	ND	ND	11.1	11
02/10/19 01:00 AM	6278	276	1.87	ND	ND	ND	ND	ND	ND	ND	12.0	26
02/10/19 01:30 AM	6374	270	1.80	ND	ND	ND	ND	ND	ND	ND	11.7	39
02/10/19 02:00 AM	6542	279	1.80	ND	ND	ND	ND	ND	ND	ND	10.4	35
02/10/19 02:30 AM	6666	280	1.81	ND	ND	ND	ND	ND	ND	ND	10.6	46
02/10/19 03:00 AM	6838	275	1.79	ND	ND	ND	ND	ND	ND	ND	11.6	57
02/10/19 03:30 AM	7089	271	1.77	ND	ND	ND	ND	ND	ND	ND	11.2	59
02/10/19 04:00 AM	6929	218	1.65	ND	ND	ND	ND	ND	ND	ND	10.7	64
02/10/19 04:30 AM	7883	274	1.79	ND	ND	ND	ND	ND	ND	ND	11.2	70
02/10/19 05:00 AM	8122	278	1.81	ND	ND	ND	ND	ND	ND	ND	9.5	68
02/10/19 05:30 AM	8392	277	1.83	ND	ND	ND	ND	ND	ND	ND	9.3	67
02/10/19 06:00 AM	8752	273	1.80	ND	ND	ND	ND	ND	ND	ND	7.7	53
02/10/19 06:30 AM	9115	270	1.77	ND	ND	ND	ND	ND	ND	ND	8.6	66
02/10/19 07:00 AM	9511	265	1.78	ND	ND	ND	ND	ND	ND	ND	9.1	81
02/10/19 07:30 AM	9485	271	1.77	ND	ND	ND	ND	ND	ND	ND	6.0	286
02/10/19 08:00 AM	8669	276	1.96	ND	ND	ND	ND	ND	ND	ND	8.5	326
02/10/19 08:30 AM	8429	278	2.01	ND	ND	ND	ND	ND	ND	ND	8.5	327
02/10/19 09:00 AM	8496	275	1.94	ND	ND	ND	ND	ND	ND	ND	8.2	285
02/10/19 09:30 AM	8655	250	1.88	ND	ND	ND	ND	ND	ND	ND	5.3	75
02/10/19 10:00 AM	8428	245	1.84	ND	ND	ND	ND	ND	ND	ND	8.6	306
02/10/19 10:30 AM	8110	239	1.81	ND	ND	ND	ND	ND	ND	ND	9.2	334
02/10/19 11:00 AM	8440	251	1.82	ND	ND	ND	ND	ND	ND	ND	7.1	344
02/10/19 11:30 AM	8747	258	1.83	ND	ND	ND	ND	ND	ND	ND	7.3	234
02/10/19 12:00 PM	9314	266	1.91	ND	ND	ND	ND	ND	ND	ND	7.3	23
02/10/19 12:30 PM	9972	269	1.96	ND	ND	ND	ND	ND	ND	ND	6.9	29
02/10/19 01:00 PM	11109	278	1.91	ND	ND	ND	ND	ND	ND	ND	5.0	184
02/10/19 01:30 PM	11077	282	1.89	ND	ND	ND	ND	ND	ND	ND	6.1	326
02/10/19 02:00 PM	10988	282	1.87	ND	ND	ND	ND	ND	ND	ND	6.4	315
02/10/19 02:30 PM	10991	280	1.97	ND	ND	ND	ND	ND	ND	ND	6.1	327
02/10/19 03:00 PM	11217	279	1.95	ND	ND	ND	ND	ND	ND	ND	5.4	337
02/10/19 03:30 PM	11413	282	1.88	ND	ND	ND	ND	ND	ND	ND	5.7	320
02/10/19 04:00 PM	11578	281	1.86	ND	ND	ND	ND	ND	ND	ND	4.5	287
02/10/19 04:30 PM	11841	279	1.86	ND	ND	ND	ND	ND	ND	ND	5.0	329
02/10/19 05:00 PM	11886	276	1.84	ND	ND	ND	ND	ND	ND	ND	4.6	347
02/10/19 05:30 PM	12088	273	1.84	ND	ND	ND	ND	ND	ND	ND	5.3	341
02/10/19 06:00 PM	11696	262	1.81	ND	ND	ND	ND	ND	ND	ND	5.4	333
02/10/19 06:30 PM	10652	217	1.73	ND	ND	ND	ND	ND	ND	ND	6.3	329
02/10/19 07:00 PM	8792	169	1.52	ND	ND	ND	ND	ND	ND	ND	7.1	337
02/10/19 07:30 PM	9373	192	1.61	ND	ND	ND	ND	ND	ND	ND	7.3	330
02/10/19 08:00 PM	9365	196	1.67	ND	ND	ND	ND	ND	ND	ND	7.0	334
02/10/19 08:30 PM	9353	194	1.63	ND	ND	ND	ND	ND	ND	ND	5.5	332
02/10/19 09:00 PM	9621	216	1.69	ND	ND	ND	ND	ND	ND	ND	6.5	335
02/10/19 09:30 PM	9440	210	1.66	ND	ND	ND	ND	ND	ND	ND	7.0	338
02/10/19 10:00 PM	9335	209	1.68	ND	ND	ND	ND	ND	ND	ND	7.0	337
02/10/19 10:30 PM	9514	215	1.72	ND	ND	ND	ND	ND	ND	ND	5.2	218
02/10/19 11:00 PM	9473	217	1.72	ND	ND	ND	ND	ND	ND	ND	3.2	322
02/10/19 11:30 PM	9402	216	1.78	ND	ND	ND	ND	ND	ND	ND	4.3	315
02/11/19 12:00 AM	9187	212	1.88	ND	ND	ND	ND	ND	ND	ND	6.0	326

## Daily Processed Summary (Average, Maximum)

Average	9181	254	1.81	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.7	3
Maximum Value	12088	282	2.01	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/11/19 12:30 AM	8830	191	1.84	ND	ND	ND	ND	ND	ND	ND	6.5	335
02/11/19 01:00 AM	6860	119	1.30	ND	ND	ND	ND	ND	ND	ND	5.5	235
02/11/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.5	292
02/11/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	76
02/11/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	104
02/11/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.6	190
02/11/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.1	288
02/11/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.0	293
02/11/19 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.7	300
02/11/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.0	334
02/11/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.9	133
02/11/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.7	90
02/11/19 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.5	36
02/11/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.7	82
02/11/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	226
02/11/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.7	194
02/11/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.5	128
02/11/19 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.3	124
02/11/19 09:30 AM	8576	148	1.51	ND	ND	ND	ND	ND	ND	ND	2.8	93
02/11/19 10:00 AM	13233	286	2.03	ND	ND	ND	ND	ND	ND	ND	3.8	87
02/11/19 10:30 AM	13940	293	1.94	ND	0.00097	ND	ND	ND	ND	ND	8.2	108
02/11/19 11:00 AM	13724	292	1.88	ND	ND	ND	ND	ND	ND	ND	6.8	109
02/11/19 11:30 AM	13998	291	1.81	ND	ND	ND	ND	ND	ND	ND	6.8	116
02/11/19 12:00 PM	14286	278	1.73	ND	ND	ND	ND	ND	ND	ND	9.7	113
02/11/19 12:30 PM	15244	281	1.69	ND	ND	ND	ND	ND	ND	ND	10.1	125
02/11/19 01:00 PM	15885	285	1.68	ND	ND	ND	ND	ND	ND	ND	12.4	138
02/11/19 01:30 PM	16238	286	1.67	ND	ND	ND	ND	ND	ND	ND	14.7	151
02/11/19 02:00 PM	16680	299	1.71	ND	ND	ND	ND	ND	ND	ND	12.0	150
02/11/19 02:30 PM	16487	294	1.69	ND	ND	ND	ND	ND	ND	ND	11.8	144
02/11/19 03:00 PM	16749	295	1.70	ND	ND	ND	ND	ND	ND	ND	9.9	148
02/11/19 03:30 PM	17041	297	1.73	ND	ND	ND	ND	ND	ND	ND	10.5	162
02/11/19 04:00 PM	17139	296	1.72	ND	ND	ND	ND	ND	ND	ND	11.9	167
02/11/19 04:30 PM	16689	291	1.67	ND	ND	ND	ND	ND	ND	ND	9.2	177
02/11/19 05:00 PM	16697	290	1.65	ND	ND	ND	ND	ND	ND	ND	7.9	191
02/11/19 05:30 PM	16436	287	1.63	ND	ND	ND	ND	ND	ND	ND	6.8	196
02/11/19 06:00 PM	16542	284	1.63	ND	ND	ND	ND	ND	ND	ND	5.2	205
02/11/19 06:30 PM	16402	277	1.62	ND	ND	ND	ND	ND	ND	ND	3.8	219
02/11/19 07:00 PM	16154	267	1.62	ND	ND	ND	ND	ND	ND	ND	2.7	216
02/11/19 07:30 PM	15736	243	1.57	ND	ND	ND	ND	ND	ND	ND	2.7	214
02/11/19 08:00 PM	15570	237	1.58	ND	ND	ND	ND	ND	ND	ND	3.2	224
02/11/19 08:30 PM	14850	218	1.49	ND	ND	ND	ND	ND	ND	ND	4.6	244
02/11/19 09:00 PM	14724	271	1.83	ND	ND	ND	ND	ND	ND	ND	7.7	309
02/11/19 09:30 PM	14291	278	2.10	ND	ND	ND	ND	ND	ND	ND	6.5	321
02/11/19 10:00 PM	14129	269	2.12	ND	ND	ND	ND	ND	ND	ND	3.2	230
02/11/19 10:30 PM	13938	258	1.95	ND	ND	ND	ND	ND	ND	ND	2.3	187
02/11/19 11:00 PM	13660	266	1.90	ND	ND	ND	ND	ND	ND	ND	4.4	215
02/11/19 11:30 PM	13170	255	1.83	ND	ND	ND	ND	ND	ND	ND	5.1	212
02/12/19 12:00 AM	12801	228	1.75	ND	ND	ND	ND	ND	ND	ND	5.1	216

Daily Processed Summary (Average, Maximum)

Average	14584	264	1.74	BDL	0.00002	BDL	BDL	BDL	BDL	BDL	2.9	165
Maximum Value	17139	299	2.12	BDL	0.00097	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/12/19 12:30 AM	12432	210	1.70	ND	ND	ND	ND	ND	ND	ND	4.7	232
02/12/19 01:00 AM	12541	221	1.77	ND	ND	ND	ND	ND	ND	ND	7.4	308
02/12/19 01:30 AM	12466	209	1.84	ND	ND	ND	ND	ND	ND	ND	6.3	289
02/12/19 02:00 AM	12926	240	1.88	ND	ND	ND	ND	ND	ND	ND	5.0	250
02/12/19 02:30 AM	12849	249	1.85	ND	ND	ND	ND	ND	ND	ND	7.2	287
02/12/19 03:00 AM	13065	265	1.87	ND	ND	ND	ND	ND	ND	ND	10.9	301
02/12/19 03:30 AM	12693	284	1.95	ND	ND	ND	ND	ND	ND	ND	15.1	305
02/12/19 04:00 AM	11546	287	1.95	ND	ND	ND	ND	ND	ND	ND	16.9	322
02/12/19 04:30 AM	10638	288	1.91	ND	ND	ND	ND	ND	ND	ND	14.1	327
02/12/19 05:00 AM	9594	288	1.88	ND	ND	ND	ND	ND	ND	ND	8.3	335
02/12/19 05:30 AM	9607	287	1.80	ND	ND	ND	ND	ND	ND	ND	7.4	326
02/12/19 06:00 AM	10059	287	1.81	ND	ND	ND	ND	ND	ND	ND	6.8	326
02/12/19 06:30 AM	9638	288	1.90	ND	ND	0.00242	ND	ND	ND	ND	11.3	325
02/12/19 07:00 AM	7927	289	1.79	ND	ND	ND	ND	ND	ND	ND	14.6	333
02/12/19 07:30 AM	7135	290	1.76	ND	ND	ND	ND	ND	ND	ND	15.4	332
02/12/19 08:00 AM	6906	289	1.75	ND	ND	ND	ND	ND	ND	ND	15.0	335
02/12/19 08:30 AM	6240	290	1.73	ND	ND	ND	ND	ND	ND	ND	14.6	339
02/12/19 09:00 AM	6343	290	1.74	ND	ND	ND	ND	ND	ND	ND	11.5	342
02/12/19 09:30 AM	6584	291	1.75	ND	ND	ND	ND	ND	ND	ND	13.6	347
02/12/19 10:00 AM	6904	293	1.75	ND	ND	ND	ND	ND	ND	ND	16.8	350
02/12/19 10:30 AM	6980	294	1.77	ND	ND	ND	ND	ND	ND	ND	18.0	347
02/12/19 11:00 AM	7207	293	1.79	ND	ND	ND	ND	ND	ND	ND	17.1	350
02/12/19 11:30 AM	7290	295	1.80	ND	ND	ND	ND	ND	ND	ND	15.8	347
02/12/19 12:00 PM	7092	296	1.81	ND	ND	ND	ND	ND	ND	ND	15.6	348
02/12/19 12:30 PM	6899	298	1.83	ND	ND	ND	ND	ND	ND	ND	16.0	347
02/12/19 01:00 PM	6738	299	1.83	ND	ND	ND	ND	ND	ND	ND	14.7	294
02/12/19 01:30 PM	6039	300	1.82	ND	ND	ND	ND	ND	ND	ND	15.7	121
02/12/19 02:00 PM	5585	302	1.82	ND	ND	ND	ND	ND	ND	ND	18.3	63
02/12/19 02:30 PM	5622	303	1.82	ND	ND	ND	ND	ND	ND	ND	17.5	63
02/12/19 03:00 PM	5781	304	1.84	ND	ND	ND	ND	ND	ND	ND	17.2	179
02/12/19 03:30 PM	5933	302	1.84	ND	ND	ND	ND	ND	ND	ND	17.3	352
02/12/19 04:00 PM	5726	300	1.83	ND	ND	ND	ND	ND	ND	ND	15.5	178
02/12/19 04:30 PM	5542	299	1.83	ND	0.00068	ND	ND	ND	ND	ND	15.6	4
02/12/19 05:00 PM	5546	298	1.82	ND	ND	ND	ND	ND	ND	ND	15.2	10
02/12/19 05:30 PM	5788	297	1.82	ND	ND	ND	ND	ND	ND	ND	12.0	7
02/12/19 06:00 PM	6194	295	1.83	ND	ND	ND	ND	ND	ND	ND	7.4	7
02/12/19 06:30 PM	6273	293	1.84	ND	ND	ND	ND	ND	ND	ND	4.7	10
02/12/19 07:00 PM	6414	290	1.89	ND	ND	ND	ND	ND	ND	ND	4.6	68
02/12/19 07:30 PM	6421	287	1.95	ND	ND	ND	ND	ND	ND	ND	5.2	296
02/12/19 08:00 PM	6144	285	1.89	ND	ND	ND	ND	ND	ND	ND	7.1	352
02/12/19 08:30 PM	6152	285	1.88	ND	ND	ND	ND	ND	ND	ND	6.4	356
02/12/19 09:00 PM	6043	285	1.89	ND	ND	ND	ND	ND	ND	ND	4.3	7
02/12/19 09:30 PM	6135	284	2.00	ND	ND	ND	ND	ND	ND	ND	5.6	237
02/12/19 10:00 PM	6413	282	1.93	ND	ND	ND	ND	ND	ND	ND	6.6	348
02/12/19 10:30 PM	6374	283	1.86	ND	ND	ND	ND	ND	ND	ND	7.4	351
02/12/19 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	342
02/12/19 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	346
02/12/19 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	355

Daily Processed Summary (Average, Maximum)

Average	7876	284	1.84	BDL	0.00001	BDL	0.00005	BDL	BDL	BDL	7.7	342
Maximum Value	13065	304	2.00	BDL	0.00068	BDL	0.00242	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/13/19 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	182
02/13/19 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	15
02/13/19 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	22
02/13/19 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	37
02/13/19 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	34
02/13/19 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	48
02/13/19 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	50
02/13/19 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	33
02/13/19 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.1	31
02/13/19 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	28
02/13/19 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.3	41
02/13/19 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.4	48
02/13/19 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	44
02/13/19 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	37
02/13/19 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	35
02/13/19 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	62
02/13/19 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	67
02/13/19 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	81
02/13/19 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	97
02/13/19 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	107
02/13/19 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	121
02/13/19 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	123
02/13/19 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	153
02/13/19 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	161
02/13/19 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.5	156
02/13/19 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	153
02/13/19 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	159
02/13/19 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	144
02/13/19 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	141
02/13/19 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.9	130
02/13/19 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	136
02/13/19 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.5	142
02/13/19 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.0	133
02/13/19 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	134
02/13/19 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	127
02/13/19 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	127
02/13/19 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	122
02/13/19 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	151
02/13/19 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.6	167
02/13/19 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	173
02/13/19 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.2	174
02/13/19 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.5	173
02/13/19 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	168
02/13/19 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.0	167
02/13/19 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.3	170
02/13/19 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	178
02/14/19 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline		

Daily Processed Summary (Average, Maximum)

Average												
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.9	132

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/14/19 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	178
02/14/19 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	177
02/14/19 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	176
02/14/19 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	180
02/14/19 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	180
02/14/19 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	180
02/14/19 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	180
02/14/19 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.4	180
02/14/19 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	177
02/14/19 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	191
02/14/19 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	195
02/14/19 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	202
02/14/19 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	216
02/14/19 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.3	219
02/14/19 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.7	205
02/14/19 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	206
02/14/19 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	197
02/14/19 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	192
02/14/19 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	199
02/14/19 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	193
02/14/19 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.0	193
02/14/19 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.6	194
02/14/19 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.5	199
02/14/19 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.6	195
02/14/19 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.8	195
02/14/19 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.9	196
02/14/19 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.1	195
02/14/19 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.1	198
02/14/19 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.0	195
02/14/19 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.6	196
02/14/19 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.1	191
02/14/19 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.0	188
02/14/19 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.2	184
02/14/19 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.8	176
02/14/19 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	176
02/14/19 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	179
02/14/19 07:00 PM	13702	279	1.69	ND	ND	ND	ND	ND	ND	ND	7.9	177
02/14/19 07:30 PM	13739	278	1.70	ND	ND	ND	ND	ND	ND	ND	9.6	176
02/14/19 08:00 PM	13665	277	1.68	ND	ND	ND	ND	ND	ND	ND	10.1	176
02/14/19 08:30 PM	13735	276	1.66	ND	ND	ND	ND	ND	ND	ND	11.0	176
02/14/19 09:00 PM	13870	278	1.67	ND	ND	ND	ND	ND	ND	ND	11.3	172
02/14/19 09:30 PM	13930	278	1.66	ND	ND	ND	ND	ND	ND	ND	12.2	175
02/14/19 10:00 PM	13775	275	1.66	ND	ND	ND	ND	ND	ND	ND	11.2	179
02/14/19 10:30 PM	13735	275	1.66	ND	ND	ND	ND	ND	ND	ND	11.4	178
02/14/19 11:00 PM	13839	276	1.66	ND	ND	ND	ND	ND	ND	ND	12.1	180
02/14/19 11:30 PM	13989	275	1.66	ND	ND	ND	ND	ND	ND	ND	10.3	191
02/15/19 12:00 AM	13734	271	1.65	ND	ND	ND	ND	ND	ND	ND	7.4	199

Daily Processed Summary (Average, Maximum)

Average	13792	276	1.67	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.8	187
Maximum Value	13989	279	1.70	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/15/19 12:30 AM	13437	264	1.63	ND	ND	ND	ND	ND	ND	ND	5.8	200
02/15/19 01:00 AM	13327	259	1.63	ND	ND	ND	ND	ND	ND	ND	4.7	245
02/15/19 01:30 AM	13141	247	1.60	ND	ND	ND	ND	ND	ND	ND	6.7	213
02/15/19 02:00 AM	13103	245	1.59	ND	ND	ND	ND	ND	ND	ND	4.9	212
02/15/19 02:30 AM	12716	243	1.60	ND	ND	ND	ND	ND	ND	ND	4.2	199
02/15/19 03:00 AM	12172	222	1.56	ND	ND	ND	ND	ND	ND	ND	3.1	204
02/15/19 03:30 AM	11038	173	1.41	ND	ND	ND	ND	ND	ND	ND	6.2	195
02/15/19 04:00 AM	10589	153	1.32	ND	ND	ND	ND	ND	ND	ND	6.2	189
02/15/19 04:30 AM	11122	172	1.40	ND	ND	ND	ND	ND	ND	ND	7.7	184
02/15/19 05:00 AM	10824	152	1.31	ND	ND	ND	ND	ND	ND	ND	9.0	185
02/15/19 05:30 AM	11589	176	1.39	ND	ND	ND	ND	ND	ND	ND	8.0	196
02/15/19 06:00 AM	11895	187	1.43	ND	ND	ND	ND	ND	ND	ND	5.2	206
02/15/19 06:30 AM	11565	172	1.38	ND	ND	ND	ND	ND	ND	ND	5.0	190
02/15/19 07:00 AM	11446	161	1.33	ND	ND	ND	ND	ND	ND	ND	5.3	205
02/15/19 07:30 AM	10125	129	1.18	ND	ND	ND	ND	ND	ND	ND	5.1	238
02/15/19 08:00 AM	8753	97	1.02	ND	ND	ND	ND	ND	ND	ND	4.2	232
02/15/19 08:30 AM	9619	112	1.14	ND	ND	ND	ND	ND	ND	ND	5.7	221
02/15/19 09:00 AM	12387	180	1.41	ND	ND	ND	ND	ND	ND	ND	5.8	215
02/15/19 09:30 AM	14401	250	1.59	ND	ND	ND	ND	ND	ND	ND	8.0	187
02/15/19 10:00 AM	14778	274	1.66	ND	ND	ND	ND	ND	ND	ND	9.8	192
02/15/19 10:30 AM	14747	278	1.67	ND	ND	ND	ND	ND	ND	ND	9.4	200
02/15/19 11:00 AM	14896	279	1.68	ND	ND	ND	ND	ND	ND	ND	8.6	197
02/15/19 11:30 AM	14998	281	1.67	ND	ND	ND	ND	ND	ND	ND	9.1	199
02/15/19 12:00 PM	14997	282	1.67	ND	ND	ND	ND	ND	ND	ND	11.1	204
02/15/19 12:30 PM	15136	284	1.68	ND	ND	ND	ND	ND	ND	ND	11.2	195
02/15/19 01:00 PM	15299	283	1.68	ND	ND	ND	ND	ND	ND	ND	12.5	192
02/15/19 01:30 PM	15790	298	1.72	ND	ND	ND	ND	ND	ND	ND	12.5	198
02/15/19 02:00 PM	16089	308	1.73	ND	ND	ND	ND	ND	ND	ND	11.2	200
02/15/19 02:30 PM	15959	299	1.71	ND	ND	ND	ND	ND	ND	ND	11.0	197
02/15/19 03:00 PM	16129	297	1.71	ND	ND	ND	ND	ND	ND	ND	11.3	191
02/15/19 03:30 PM	16104	297	1.71	ND	ND	ND	ND	ND	ND	ND	11.6	189
02/15/19 04:00 PM	16264	297	1.71	ND	ND	ND	ND	ND	ND	ND	12.1	188
02/15/19 04:30 PM	16294	293	1.70	ND	ND	ND	ND	ND	ND	ND	10.0	194
02/15/19 05:00 PM	17013	304	1.72	ND	ND	ND	ND	ND	ND	ND	10.3	189
02/15/19 05:30 PM	17272	302	1.71	ND	ND	ND	ND	ND	ND	ND	12.6	188
02/15/19 06:00 PM	16851	295	1.69	ND	ND	ND	ND	ND	ND	ND	11.2	189
02/15/19 06:30 PM	16189	283	1.67	ND	ND	ND	ND	ND	ND	ND	11.1	188
02/15/19 07:00 PM	15115	238	1.57	ND	ND	ND	ND	ND	ND	ND	9.2	190
02/15/19 07:30 PM	12460	155	1.30	ND	ND	ND	ND	ND	ND	ND	8.7	196
02/15/19 08:00 PM	12208	145	1.26	ND	ND	ND	ND	ND	ND	ND	8.6	195
02/15/19 08:30 PM	14012	191	1.42	ND	ND	ND	ND	ND	ND	ND	9.4	192
02/15/19 09:00 PM	14159	203	1.45	ND	ND	ND	ND	ND	ND	ND	9.3	193
02/15/19 09:30 PM	13542	186	1.39	ND	ND	ND	ND	ND	ND	ND	6.9	191
02/15/19 10:00 PM	13473	183	1.39	ND	ND	ND	ND	ND	ND	ND	6.2	199
02/15/19 10:30 PM	9998	114	1.05	ND	ND	ND	ND	ND	ND	ND	4.9	204
02/15/19 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.3	200
02/15/19 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.3	194
02/16/19 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.9	187

Daily Processed Summary (Average, Maximum)

Average	13623	228	1.52	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.0	196
Maximum Value	17272	308	1.73	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/16/19 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.9	195
02/16/19 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.1	193
02/16/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.0	193
02/16/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.7	194
02/16/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.8	197
02/16/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.2	201
02/16/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.8	207
02/16/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.7	234
02/16/19 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.5	240
02/16/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.9	250
02/16/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.9	272
02/16/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.4	299
02/16/19 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.8	249
02/16/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.0	96
02/16/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.9	66
02/16/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.1	181
02/16/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.9	116
02/16/19 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.5	77
02/16/19 09:30 AM	7942	91	0.85	ND	ND	ND	ND	ND	ND	ND	5.2	90
02/16/19 10:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.5	106
02/16/19 10:30 AM	10809	124	1.10	ND	ND	ND	ND	ND	ND	ND	5.6	102
02/16/19 11:00 AM	14707	245	1.65	ND	ND	ND	ND	ND	ND	ND	7.4	45
02/16/19 11:30 AM	13302	289	1.89	ND	ND	ND	ND	ND	ND	ND	13.0	10
02/16/19 12:00 PM	12803	290	1.90	ND	ND	ND	ND	ND	ND	ND	13.6	10
02/16/19 12:30 PM	12369	291	1.93	ND	ND	ND	ND	ND	ND	ND	12.5	19
02/16/19 01:00 PM	12155	294	1.91	ND	ND	ND	ND	ND	ND	ND	12.5	19
02/16/19 01:30 PM	12099	299	1.92	ND	ND	ND	ND	ND	ND	ND	11.9	27
02/16/19 02:00 PM	12242	301	1.90	ND	ND	ND	ND	ND	ND	ND	9.9	28
02/16/19 02:30 PM	12393	303	1.92	ND	ND	ND	ND	ND	ND	ND	8.9	21
02/16/19 03:00 PM	12417	303	1.93	ND	ND	ND	ND	ND	ND	ND	7.9	18
02/16/19 03:30 PM	12365	302	1.93	ND	ND	ND	ND	ND	ND	ND	9.3	6
02/16/19 04:00 PM	12232	299	1.93	ND	ND	ND	ND	ND	ND	ND	10.0	12
02/16/19 04:30 PM	12180	299	1.93	ND	ND	ND	ND	ND	ND	ND	10.6	18
02/16/19 05:00 PM	12177	300	1.92	ND	ND	ND	ND	ND	ND	ND	10.6	15
02/16/19 05:30 PM	12087	299	1.96	ND	ND	ND	ND	ND	ND	ND	10.1	7
02/16/19 06:00 PM	11970	298	1.94	ND	ND	ND	ND	ND	ND	ND	10.3	15
02/16/19 06:30 PM	11699	296	1.92	ND	ND	ND	ND	ND	ND	ND	10.2	9
02/16/19 07:00 PM	11654	296	1.94	ND	ND	ND	ND	ND	ND	ND	10.5	16
02/16/19 07:30 PM	11554	295	1.96	ND	ND	ND	ND	ND	ND	ND	10.6	16
02/16/19 08:00 PM	11464	295	1.99	ND	ND	ND	ND	ND	ND	ND	8.5	17
02/16/19 08:30 PM	11450	295	2.00	ND	ND	ND	ND	ND	ND	ND	7.8	18
02/16/19 09:00 PM	11468	295	2.03	ND	ND	ND	ND	ND	ND	ND	7.4	23
02/16/19 09:30 PM	11482	296	2.09	ND	ND	ND	ND	ND	ND	ND	6.0	24
02/16/19 10:00 PM	11526	296	2.10	ND	ND	ND	ND	ND	ND	ND	5.5	23
02/16/19 10:30 PM	11616	294	2.06	ND	ND	ND	ND	ND	ND	ND	4.8	41
02/16/19 11:00 PM	11660	294	1.96	ND	ND	ND	ND	ND	ND	ND	4.8	53
02/16/19 11:30 PM	11911	289	1.93	ND	ND	ND	ND	ND	ND	ND	5.0	43
02/17/19 12:00 AM	12090	282	1.93	ND	ND	ND	ND	ND	ND	ND	4.8	75

Daily Processed Summary (Average, Maximum)

Average	11925	281	1.88	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.4	25
Maximum Value	14707	303	2.10	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/17/19 12:30 AM	11917	256	1.93	ND	ND	ND	ND	ND	ND	ND	3.6	93
02/17/19 01:00 AM	10004	176	1.60	ND	ND	ND	ND	ND	ND	ND	3.4	88
02/17/19 01:30 AM	8625	131	1.37	ND	ND	ND	ND	ND	ND	ND	2.1	154
02/17/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.7	132
02/17/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.8	242
02/17/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.8	211
02/17/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.5	218
02/17/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.9	202
02/17/19 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.8	189
02/17/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.5	190
02/17/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.3	199
02/17/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.1	311
02/17/19 06:30 AM	8349	113	1.19	ND	ND	ND	ND	ND	ND	ND	14.8	348
02/17/19 07:00 AM	11272	205	1.72	ND	ND	ND	ND	ND	ND	ND	13.1	180
02/17/19 07:30 AM	11421	210	1.72	ND	ND	ND	ND	ND	ND	ND	9.4	10
02/17/19 08:00 AM	11577	213	1.72	ND	ND	ND	ND	ND	ND	ND	9.2	9
02/17/19 08:30 AM	11934	227	1.75	ND	ND	ND	ND	ND	ND	ND	8.5	12
02/17/19 09:00 AM	12410	240	1.75	ND	ND	ND	ND	ND	ND	ND	8.7	63
02/17/19 09:30 AM	12946	266	1.81	ND	ND	ND	ND	ND	ND	ND	10.0	18
02/17/19 10:00 AM	13196	288	1.89	ND	ND	ND	ND	ND	ND	ND	11.1	18
02/17/19 10:30 AM	13240	298	1.95	ND	ND	ND	ND	ND	ND	ND	13.6	9
02/17/19 11:00 AM	13059	302	1.89	ND	ND	ND	ND	ND	ND	ND	16.3	5
02/17/19 11:30 AM	13040	303	1.90	ND	ND	ND	ND	ND	ND	ND	14.8	10
02/17/19 12:00 PM	12527	303	1.90	ND	ND	ND	ND	ND	ND	ND	17.3	12
02/17/19 12:30 PM	11995	304	1.90	ND	ND	ND	ND	ND	ND	ND	18.1	13
02/17/19 01:00 PM	11271	304	1.91	ND	ND	ND	ND	ND	ND	ND	19.0	66
02/17/19 01:30 PM	10885	307	1.93	ND	ND	ND	ND	ND	ND	ND	19.0	9
02/17/19 02:00 PM	10781	312	1.94	ND	ND	ND	ND	ND	ND	ND	19.3	15
02/17/19 02:30 PM	10704	318	1.95	ND	ND	ND	ND	ND	ND	ND	20.2	9
02/17/19 03:00 PM	10535	322	1.95	ND	ND	ND	ND	ND	ND	ND	18.0	123
02/17/19 03:30 PM	10482	324	1.96	ND	ND	ND	ND	ND	ND	ND	18.9	67
02/17/19 04:00 PM	10009	327	2.03	ND	ND	ND	ND	ND	ND	ND	17.4	7
02/17/19 04:30 PM	9958	328	2.04	ND	ND	ND	ND	ND	ND	ND	18.5	298
02/17/19 05:00 PM	9616	327	2.03	ND	ND	ND	ND	ND	ND	ND	18.2	63
02/17/19 05:30 PM	9462	323	1.99	ND	ND	ND	ND	ND	ND	ND	16.1	5
02/17/19 06:00 PM	9358	319	1.97	ND	ND	ND	ND	ND	ND	ND	16.0	7
02/17/19 06:30 PM	8859	315	1.95	ND	ND	ND	ND	ND	ND	ND	14.7	14
02/17/19 07:00 PM	8050	310	1.91	ND	ND	ND	ND	ND	ND	ND	14.3	19
02/17/19 07:30 PM	7836	305	1.90	ND	ND	ND	ND	ND	ND	ND	14.8	21
02/17/19 08:00 PM	7963	303	1.91	ND	ND	ND	ND	ND	ND	ND	14.8	21
02/17/19 08:30 PM	7922	300	1.92	ND	ND	ND	ND	ND	ND	ND	15.3	22
02/17/19 09:00 PM	7543	299	1.91	ND	ND	ND	ND	ND	ND	ND	11.7	25
02/17/19 09:30 PM	7554	299	1.96	ND	ND	ND	ND	ND	ND	ND	12.3	22
02/17/19 10:00 PM	7531	297	1.91	ND	ND	ND	ND	ND	ND	ND	10.3	25
02/17/19 10:30 PM	7450	296	2.02	ND	ND	ND	ND	ND	ND	ND	9.9	21
02/17/19 11:00 PM	7441	294	2.45	ND	ND	ND	ND	ND	ND	ND	9.7	66
02/17/19 11:30 PM	7475	293	1.87	ND	ND	ND	ND	ND	ND	ND	9.4	4
02/18/19 12:00 AM	7440	293	1.87	ND	ND	ND	ND	ND	ND	ND	9.4	4

Daily Processed Summary (Average, Maximum)

Average	10093	281	1.88	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.0	22
Maximum Value	13240	328	2.45	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/18/19 12:30 AM	7400	291	1.88	ND	ND	ND	ND	ND	ND	ND	11.5	298
02/18/19 01:00 AM	7327	291	1.87	ND	ND	ND	ND	ND	ND	ND	13.3	62
02/18/19 01:30 AM	7410	291	1.86	ND	ND	ND	ND	ND	ND	ND	14.0	5
02/18/19 02:00 AM	7166	291	1.86	ND	ND	ND	ND	ND	ND	ND	15.4	10
02/18/19 02:30 AM	6851	292	1.85	ND	ND	ND	ND	ND	ND	ND	16.0	17
02/18/19 03:00 AM	6568	295	1.87	ND	ND	ND	ND	ND	ND	ND	17.5	20
02/18/19 03:30 AM	6379	294	1.88	ND	ND	ND	ND	ND	ND	ND	18.4	23
02/18/19 04:00 AM	6280	294	1.88	ND	ND	ND	ND	ND	ND	ND	17.1	23
02/18/19 04:30 AM	6210	293	1.90	ND	ND	ND	ND	ND	ND	ND	15.7	25
02/18/19 05:00 AM	6124	291	1.89	ND	ND	ND	ND	ND	ND	ND	14.9	24
02/18/19 05:30 AM	6166	292	1.90	ND	ND	ND	ND	ND	ND	ND	12.7	24
02/18/19 06:00 AM	6199	290	1.93	ND	ND	ND	ND	ND	ND	ND	11.2	24
02/18/19 06:30 AM	6200	289	1.92	ND	ND	ND	ND	ND	ND	ND	10.1	27
02/18/19 07:00 AM	6243	289	1.94	ND	ND	ND	ND	ND	ND	ND	10.1	22
02/18/19 07:30 AM	6250	288	1.95	ND	ND	ND	ND	ND	ND	ND	9.5	23
02/18/19 08:00 AM	6255	290	1.94	ND	ND	ND	ND	ND	ND	ND	10.9	23
02/18/19 08:30 AM	6232	291	1.92	ND	ND	ND	ND	ND	ND	ND	11.8	26
02/18/19 09:00 AM	6021	295	1.86	ND	ND	ND	ND	ND	ND	ND	13.0	35
02/18/19 09:30 AM	5894	306	1.90	ND	ND	ND	ND	ND	ND	ND	14.6	38
02/18/19 10:00 AM	5778	318	1.96	ND	ND	ND	ND	ND	ND	ND	16.7	49
02/18/19 10:30 AM	5764	327	1.99	ND	ND	ND	ND	ND	ND	ND	14.5	48
02/18/19 11:00 AM	5642	332	1.98	ND	ND	ND	ND	ND	ND	ND	16.1	52
02/18/19 11:30 AM	5671	333	1.98	ND	ND	ND	ND	ND	ND	ND	14.7	47
02/18/19 12:00 PM	5737	337	1.98	ND	ND	ND	ND	ND	ND	ND	14.1	46
02/18/19 12:30 PM	5616	340	1.98	ND	ND	ND	ND	ND	ND	ND	15.0	47
02/18/19 01:00 PM	5696	341	1.98	ND	ND	ND	ND	ND	ND	ND	13.4	53
02/18/19 01:30 PM	5837	339	1.95	ND	ND	ND	ND	ND	ND	ND	13.2	39
02/18/19 02:00 PM	5764	342	1.95	ND	ND	ND	ND	ND	ND	ND	12.9	43
02/18/19 02:30 PM	5743	344	1.95	ND	ND	ND	ND	ND	ND	ND	13.2	51
02/18/19 03:00 PM	5799	343	1.94	ND	ND	ND	ND	ND	ND	ND	11.2	51
02/18/19 03:30 PM	5803	342	1.93	ND	ND	ND	ND	ND	ND	ND	11.4	52
02/18/19 04:00 PM	5595	339	1.93	ND	ND	ND	ND	ND	ND	ND	11.8	41
02/18/19 04:30 PM	5475	338	1.92	ND	ND	ND	ND	ND	ND	ND	12.1	45
02/18/19 05:00 PM	5476	336	1.91	ND	ND	ND	ND	ND	ND	ND	12.1	47
02/18/19 05:30 PM	5368	332	1.90	ND	ND	ND	ND	ND	ND	ND	10.4	46
02/18/19 06:00 PM	5464	327	1.90	ND	ND	ND	ND	ND	ND	ND	8.8	55
02/18/19 06:30 PM	5578	322	1.89	ND	ND	ND	ND	ND	ND	ND	6.9	58
02/18/19 07:00 PM	5682	317	1.88	ND	ND	ND	ND	ND	ND	ND	6.3	59
02/18/19 07:30 PM	5585	315	1.88	ND	ND	ND	ND	ND	ND	ND	7.7	61
02/18/19 08:00 PM	5342	314	1.86	ND	ND	ND	ND	ND	ND	ND	9.2	68
02/18/19 08:30 PM	5575	314	1.86	ND	ND	ND	ND	ND	ND	ND	9.0	62
02/18/19 09:00 PM	5681	314	1.86	ND	ND	ND	ND	ND	ND	ND	8.7	58
02/18/19 09:30 PM	5934	313	1.86	ND	ND	ND	ND	ND	ND	ND	9.1	60
02/18/19 10:00 PM	6424	310	1.87	ND	ND	ND	ND	ND	ND	ND	7.5	49
02/18/19 10:30 PM	6737	309	1.89	ND	ND	ND	ND	ND	ND	ND	6.8	46
02/18/19 11:00 PM	6832	308	1.90	ND	ND	ND	ND	ND	ND	ND	7.1	50
02/18/19 11:30 PM	6674	308	1.89	ND	ND	ND	ND	ND	ND	ND	7.4	48
02/19/19 12:00 AM	6669	306	1.87	ND	ND	ND	ND	ND	ND	ND	6.7	50

Daily Processed Summary (Average, Maximum)

Average	6086	313	1.91	BDL	BDL	BDL	BDL	BDL	BDL	BDL	11.2	38
Maximum Value	7410	344	1.99	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/19/19 12:30 AM	6788	305	1.86	ND	ND	ND	ND	ND	ND	ND	6.5	57
02/19/19 01:00 AM	6745	289	1.79	ND	ND	ND	ND	ND	ND	ND	10.2	64
02/19/19 01:30 AM	7165	290	1.76	ND	ND	ND	ND	ND	ND	ND	10.8	56
02/19/19 02:00 AM	7801	259	1.70	ND	ND	ND	ND	ND	ND	ND	8.8	49
02/19/19 02:30 AM	8337	293	1.78	ND	ND	ND	ND	ND	ND	ND	8.4	33
02/19/19 03:00 AM	8146	295	1.82	ND	ND	ND	ND	ND	ND	ND	9.7	31
02/19/19 03:30 AM	7771	296	1.90	ND	ND	ND	ND	ND	ND	ND	7.8	23
02/19/19 04:00 AM	7973	294	1.98	ND	ND	ND	ND	ND	ND	ND	8.3	18
02/19/19 04:30 AM	7891	294	1.86	ND	ND	ND	ND	ND	ND	ND	8.4	12
02/19/19 05:00 AM	7151	294	1.84	ND	ND	ND	ND	ND	ND	ND	11.1	15
02/19/19 05:30 AM	6830	293	1.85	ND	ND	ND	ND	ND	ND	ND	11.7	26
02/19/19 06:00 AM	6799	293	1.83	ND	ND	ND	ND	ND	ND	ND	10.2	38
02/19/19 06:30 AM	6947	293	1.85	ND	ND	ND	ND	ND	ND	ND	8.6	13
02/19/19 07:00 AM	7099	294	1.85	ND	ND	ND	ND	ND	ND	ND	8.5	17
02/19/19 07:30 AM	7539	293	1.85	ND	ND	ND	ND	ND	ND	ND	7.1	36
02/19/19 08:00 AM	8388	292	1.79	ND	ND	ND	ND	ND	ND	ND	10.0	40
02/19/19 08:30 AM	8582	292	1.79	ND	ND	ND	0.00256	ND	ND	ND	11.6	49
02/19/19 09:00 AM	8547	291	1.79	ND	ND	ND	ND	ND	ND	ND	9.8	41
02/19/19 09:30 AM	8252	267	1.74	ND	ND	ND	ND	ND	ND	ND	10.6	37
02/19/19 10:00 AM	7326	181	1.51	ND	ND	ND	ND	ND	ND	ND	9.7	34
02/19/19 10:30 AM	8424	253	1.74	ND	ND	ND	ND	ND	ND	ND	10.2	31
02/19/19 11:00 AM	8660	264	1.79	ND	ND	ND	ND	ND	ND	ND	11.3	25
02/19/19 11:30 AM	8752	274	1.83	ND	ND	ND	ND	ND	ND	ND	12.1	22
02/19/19 12:00 PM	8804	275	1.79	ND	ND	ND	ND	ND	ND	ND	12.1	21
02/19/19 12:30 PM	8799	267	1.79	ND	ND	ND	ND	ND	ND	ND	12.8	22
02/19/19 01:00 PM	8698	246	1.74	ND	ND	ND	ND	ND	ND	ND	13.0	15
02/19/19 01:30 PM	8710	244	1.72	ND	ND	ND	ND	ND	ND	ND	12.7	11
02/19/19 02:00 PM	8646	243	1.73	ND	ND	ND	ND	ND	ND	ND	13.8	5
02/19/19 02:30 PM	8732	254	1.75	ND	ND	ND	ND	ND	ND	ND	13.1	6
02/19/19 03:00 PM	8837	266	1.78	ND	ND	ND	ND	ND	ND	ND	13.5	65
02/19/19 03:30 PM	8865	273	1.78	ND	ND	ND	ND	ND	ND	ND	14.0	7
02/19/19 04:00 PM	8859	276	1.78	ND	ND	ND	ND	ND	ND	ND	13.8	12
02/19/19 04:30 PM	8809	272	1.77	ND	ND	ND	ND	ND	ND	ND	12.9	9
02/19/19 05:00 PM	8787	275	1.77	ND	ND	ND	ND	ND	ND	ND	13.3	239
02/19/19 05:30 PM	8747	270	1.75	ND	ND	ND	ND	ND	ND	ND	13.8	357
02/19/19 06:00 PM	8710	264	1.75	ND	ND	ND	ND	ND	ND	ND	12.9	298
02/19/19 06:30 PM	8627	268	1.75	ND	ND	ND	ND	ND	ND	ND	14.1	238
02/19/19 07:00 PM	8716	278	1.77	ND	ND	ND	ND	ND	ND	ND	14.1	125
02/19/19 07:30 PM	8714	281	1.77	ND	ND	ND	ND	ND	ND	ND	13.2	9
02/19/19 08:00 PM	8665	283	1.77	ND	ND	ND	ND	ND	ND	ND	13.2	16
02/19/19 08:30 PM	8595	284	1.81	ND	ND	ND	ND	ND	ND	ND	13.1	21
02/19/19 09:00 PM	8519	285	1.77	ND	ND	ND	ND	ND	ND	ND	14.0	13
02/19/19 09:30 PM	8539	283	1.83	ND	ND	ND	ND	ND	ND	ND	12.0	19
02/19/19 10:00 PM	8539	283	1.79	ND	ND	ND	ND	ND	ND	ND	10.6	10
02/19/19 10:30 PM	8478	269	1.76	ND	ND	ND	ND	ND	ND	ND	10.0	294
02/19/19 11:00 PM	8412	259	1.72	ND	ND	ND	ND	ND	ND	ND	10.1	348
02/19/19 11:30 PM	8492	264	1.75	ND	ND	ND	ND	ND	ND	ND	11.8	338
02/20/19 12:00 AM	8412	278	1.80	ND	ND	ND	ND	ND	ND	ND	12.6	332

Daily Processed Summary (Average, Maximum)

Average	8222	276	1.79	BDL	BDL	BDL	0.00005	BDL	BDL	BDL	8.9	17
Maximum Value	8865	305	1.98	BDL	BDL	BDL	0.00256	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/20/19 12:30 AM	8362	278	1.80	ND	ND	ND	ND	ND	ND	ND	13.7	333
02/20/19 01:00 AM	7978	276	1.83	ND	ND	ND	ND	ND	ND	ND	15.1	331
02/20/19 01:30 AM	7776	278	1.85	ND	ND	ND	ND	ND	ND	ND	13.8	339
02/20/19 02:00 AM	7511	286	1.84	ND	ND	ND	ND	ND	ND	ND	16.0	346
02/20/19 02:30 AM	7424	285	1.83	ND	ND	ND	ND	ND	ND	ND	14.3	351
02/20/19 03:00 AM	7420	286	1.82	ND	ND	ND	ND	ND	ND	ND	12.7	352
02/20/19 03:30 AM	7459	285	1.82	ND	ND	ND	ND	ND	ND	ND	15.1	347
02/20/19 04:00 AM	7449	286	1.82	ND	ND	ND	ND	ND	ND	ND	13.8	347
02/20/19 04:30 AM	7435	288	1.82	ND	ND	ND	ND	ND	ND	ND	11.5	355
02/20/19 05:00 AM	7503	289	1.82	ND	ND	ND	ND	ND	ND	ND	10.1	356
02/20/19 05:30 AM	7453	290	1.83	ND	ND	ND	ND	ND	ND	ND	11.3	357
02/20/19 06:00 AM	7451	291	1.84	ND	ND	ND	ND	ND	ND	ND	12.4	355
02/20/19 06:30 AM	7296	292	1.83	ND	ND	ND	ND	ND	ND	ND	12.1	349
02/20/19 07:00 AM	7375	292	1.84	ND	ND	ND	ND	ND	ND	ND	11.6	346
02/20/19 07:30 AM	7342	291	1.85	ND	ND	ND	ND	ND	ND	ND	11.3	345
02/20/19 08:00 AM	7298	291	1.85	ND	ND	ND	ND	ND	ND	ND	11.2	344
02/20/19 08:30 AM	7215	293	1.87	ND	ND	ND	ND	ND	ND	ND	13.3	347
02/20/19 09:00 AM	7142	295	1.88	ND	ND	ND	ND	ND	ND	ND	13.6	352
02/20/19 09:30 AM	7182	299	1.89	ND	ND	ND	ND	ND	ND	ND	12.7	352
02/20/19 10:00 AM	7378	307	1.92	ND	ND	ND	ND	ND	ND	ND	11.0	341
02/20/19 10:30 AM	7757	318	1.95	ND	ND	ND	ND	ND	ND	ND	11.2	352
02/20/19 11:00 AM	8115	324	1.97	ND	ND	ND	ND	ND	ND	ND	10.9	293
02/20/19 11:30 AM	8052	332	1.97	ND	ND	ND	ND	ND	ND	ND	14.0	120
02/20/19 12:00 PM	8123	335	1.98	ND	ND	ND	ND	ND	ND	ND	14.0	120
02/20/19 12:30 PM	7450	340	1.99	ND	ND	ND	ND	ND	ND	ND	11.7	238
02/20/19 01:00 PM	7128	343	1.99	ND	ND	ND	ND	ND	ND	ND	10.3	67
02/20/19 01:30 PM	7325	343	2.00	ND	ND	ND	ND	ND	ND	ND	10.4	16
02/20/19 02:00 PM	7296	345	2.00	ND	ND	ND	ND	ND	ND	ND	10.7	12
02/20/19 02:30 PM	7294	347	1.99	ND	ND	ND	ND	ND	ND	ND	9.3	16
02/20/19 03:00 PM	7233	348	1.97	ND	ND	ND	ND	ND	ND	ND	8.8	33
02/20/19 03:30 PM	7084	348	1.97	ND	ND	ND	ND	ND	ND	ND	8.1	33
02/20/19 04:00 PM	7039	347	1.96	ND	ND	ND	ND	ND	ND	ND	8.5	24
02/20/19 04:30 PM	7315	344	1.96	ND	ND	ND	ND	ND	ND	ND	8.1	31
02/20/19 05:00 PM	7349	342	1.96	ND	ND	ND	ND	ND	ND	ND	5.6	41
02/20/19 05:30 PM	7522	339	1.96	ND	ND	ND	ND	ND	ND	ND	5.3	39
02/20/19 06:00 PM	7563	335	2.01	ND	ND	ND	ND	ND	ND	ND	5.7	38
02/20/19 06:30 PM	7779	329	1.93	ND	ND	ND	ND	ND	ND	ND	7.1	33
02/20/19 07:00 PM	7991	323	1.94	ND	ND	ND	ND	ND	ND	ND	5.8	33
02/20/19 07:30 PM	8146	319	1.93	ND	ND	ND	ND	ND	ND	ND	6.5	32
02/20/19 08:00 PM	8070	315	1.92	ND	ND	ND	ND	ND	ND	ND	7.7	19
02/20/19 08:30 PM	8121	313	1.95	ND	ND	ND	ND	ND	ND	ND	8.8	25
02/20/19 09:00 PM	8187	313	2.03	ND	ND	ND	ND	ND	ND	ND	7.7	28
02/20/19 09:30 PM	8048	312	1.92	ND	ND	ND	0.00262	ND	ND	ND	7.1	33
02/20/19 10:00 PM	8127	311	1.91	ND	ND	ND	ND	ND	ND	ND	5.8	33
02/20/19 10:30 PM	8235	310	2.00	ND	ND	ND	ND	ND	ND	ND	6.3	32
02/20/19 11:00 PM	8251	310	2.03	ND	ND	ND	ND	ND	ND	ND	7.7	19
02/20/19 11:30 PM	7985	311	2.14	ND	ND	ND	ND	ND	ND	ND	8.8	25
02/21/19 12:00 AM	7932	311	2.02	ND	ND	ND	ND	ND	ND	ND	7.7	28

## Daily Processed Summary (Average, Maximum)

Average	7624	312	1.92	BDL	BDL	BDL	0.00005	BDL	BDL	BDL	8.6	2
Maximum Value	8362	348	2.14	BDL	BDL	BDL	0.00262	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/21/19 12:30 AM	7959	311	1.97	ND	ND	ND	ND	ND	ND	ND	7.2	36
02/21/19 01:00 AM	8104	311	1.93	ND	ND	ND	ND	ND	ND	ND	7.1	43
02/21/19 01:30 AM	8222	312	1.94	ND	ND	ND	ND	ND	ND	ND	6.9	40
02/21/19 02:00 AM	8315	312	1.96	ND	ND	ND	ND	ND	ND	ND	5.9	42
02/21/19 02:30 AM	8536	309	2.00	ND	ND	ND	ND	ND	ND	ND	5.7	24
02/21/19 03:00 AM	9015	308	2.33	ND	ND	ND	ND	ND	ND	ND	7.5	27
02/21/19 03:30 AM	9189	307	2.10	ND	ND	ND	ND	ND	ND	ND	6.9	20
02/21/19 04:00 AM	9189	306	2.08	ND	ND	ND	ND	ND	ND	ND	7.6	29
02/21/19 04:30 AM	9244	305	2.11	ND	ND	ND	ND	ND	ND	ND	8.1	23
02/21/19 05:00 AM	9407	306	2.09	ND	ND	ND	ND	ND	ND	ND	7.6	19
02/21/19 05:30 AM	9427	305	2.10	ND	ND	ND	ND	ND	ND	ND	8.0	23
02/21/19 06:00 AM	9498	304	2.08	ND	ND	ND	ND	ND	ND	ND	8.4	21
02/21/19 06:30 AM	9517	303	2.08	ND	ND	ND	ND	ND	ND	ND	7.6	24
02/21/19 07:00 AM	9609	303	1.97	ND	ND	ND	ND	ND	ND	ND	7.1	29
02/21/19 07:30 AM	9706	303	2.07	ND	ND	ND	ND	ND	ND	ND	7.2	21
02/21/19 08:00 AM	9888	303	2.04	ND	ND	ND	ND	ND	ND	ND	7.4	22
02/21/19 08:30 AM	10023	305	2.04	ND	ND	ND	ND	ND	ND	ND	7.9	28
02/21/19 09:00 AM	10220	306	1.97	ND	ND	ND	ND	ND	ND	ND	8.0	41
02/21/19 09:30 AM	10413	305	1.97	ND	ND	ND	ND	ND	ND	ND	8.4	30
02/21/19 10:00 AM	10615	305	1.97	ND	ND	ND	ND	ND	ND	ND	10.9	22
02/21/19 10:30 AM	10746	307	1.95	ND	ND	ND	ND	ND	ND	ND	10.7	22
02/21/19 11:00 AM	10836	306	1.97	ND	ND	ND	ND	ND	ND	ND	10.9	21
02/21/19 11:30 AM	10906	307	1.99	ND	ND	ND	ND	ND	ND	ND	11.4	14
02/21/19 12:00 PM	10936	307	2.02	ND	ND	ND	ND	ND	ND	ND	12.0	15
02/21/19 12:30 PM	10918	306	1.99	ND	ND	ND	ND	ND	ND	ND	11.1	16
02/21/19 01:00 PM	10983	301	1.96	ND	ND	ND	ND	ND	ND	ND	11.0	14
02/21/19 01:30 PM	11153	288	1.93	ND	ND	ND	ND	ND	ND	ND	9.9	15
02/21/19 02:00 PM	11181	281	1.94	ND	ND	ND	ND	ND	ND	ND	11.8	21
02/21/19 02:30 PM	11311	300	1.99	ND	ND	ND	ND	ND	ND	ND	13.0	21
02/21/19 03:00 PM	11281	302	1.94	ND	ND	ND	ND	ND	ND	ND	12.2	10
02/21/19 03:30 PM	11150	301	1.92	ND	ND	ND	ND	ND	ND	ND	12.5	16
02/21/19 04:00 PM	11049	301	1.91	ND	ND	ND	ND	ND	ND	ND	12.5	19
02/21/19 04:30 PM	10958	301	1.92	ND	ND	ND	ND	ND	ND	ND	12.4	19
02/21/19 05:00 PM	10898	300	1.91	ND	ND	ND	ND	ND	ND	ND	12.6	18
02/21/19 05:30 PM	10841	299	1.92	ND	ND	ND	ND	ND	ND	ND	12.3	22
02/21/19 06:00 PM	10821	299	1.97	ND	ND	ND	ND	ND	ND	ND	12.2	27
02/21/19 06:30 PM	10777	297	1.87	ND	ND	ND	ND	ND	ND	ND	12.2	31
02/21/19 07:00 PM	10805	295	1.86	ND	ND	ND	ND	ND	ND	ND	10.0	36
02/21/19 07:30 PM	10845	296	1.88	ND	ND	ND	ND	ND	ND	ND	10.0	32
02/21/19 08:00 PM	10904	295	1.86	ND	ND	ND	ND	ND	ND	ND	8.4	34
02/21/19 08:30 PM	10892	294	1.95	ND	ND	ND	ND	ND	ND	ND	9.2	25
02/21/19 09:00 PM	10905	289	1.91	ND	ND	ND	ND	ND	ND	ND	9.4	23
02/21/19 09:30 PM	10673	270	1.81	ND	ND	ND	ND	ND	ND	ND	8.2	36
02/21/19 10:00 PM	9100	182	1.53	ND	ND	ND	ND	ND	ND	ND	8.3	58
02/21/19 10:30 PM	6619	104	1.13	ND	ND	ND	ND	ND	ND	ND	7.1	54
02/21/19 11:00 PM	4274	61	0.84	ND	ND	ND	ND	ND	ND	ND	7.2	50
02/21/19 11:30 PM	4572	62	0.81	ND	ND	ND	ND	ND	ND	ND	7.1	26
02/22/19 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.7	124

Daily Processed Summary (Average, Maximum)

Average	9839	285	1.90	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.9	26
Maximum Value	11311	312	2.33	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/22/19 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.1	8
02/22/19 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.3	8
02/22/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.0	16
02/22/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.0	18
02/22/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.2	22
02/22/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.6	22
02/22/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.0	25
02/22/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.3	22
02/22/19 04:30 AM	3875	LS	0.81	ND	ND	ND	ND	ND	ND	ND	10.3	23
02/22/19 05:00 AM	5159	LS	0.93	ND	ND	ND	ND	ND	ND	ND	10.9	18
02/22/19 05:30 AM	6932	LS	1.24	ND	ND	ND	ND	ND	ND	ND	11.0	29
02/22/19 06:00 AM	7874	LS	1.43	ND	ND	ND	ND	ND	ND	ND	10.0	29
02/22/19 06:30 AM	8240	LS	1.48	ND	ND	ND	ND	ND	ND	ND	9.0	46
02/22/19 07:00 AM	7425	LS	1.33	ND	ND	ND	ND	ND	ND	ND	8.6	67
02/22/19 07:30 AM	5593	LS	0.99	ND	ND	ND	ND	ND	ND	ND	7.5	64
02/22/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.7	37
02/22/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.7	25
02/22/19 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.0	30
02/22/19 09:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.5	30
02/22/19 10:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.9	25
02/22/19 10:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.0	20
02/22/19 11:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.8	22
02/22/19 11:30 AM	5510	LS	0.83	ND	ND	ND	ND	ND	ND	ND	5.3	232
02/22/19 12:00 PM	6262	LS	0.93	ND	ND	ND	ND	ND	ND	ND	5.5	344
02/22/19 12:30 PM	5433	LS	0.83	ND	ND	ND	ND	ND	ND	ND	7.5	332
02/22/19 01:00 PM	6413	LS	0.90	ND	ND	ND	ND	ND	ND	ND	6.1	347
02/22/19 01:30 PM	6389	LS	0.95	ND	ND	ND	ND	ND	ND	ND	5.7	354
02/22/19 02:00 PM	8256	LS	1.15	ND	ND	ND	ND	ND	ND	ND	5.6	343
02/22/19 02:30 PM	9401	LS	1.31	ND	ND	ND	ND	ND	ND	ND	6.4	341
02/22/19 03:00 PM	9618	LS	1.32	ND	ND	ND	ND	ND	ND	ND	7.1	345
02/22/19 03:30 PM	10415	LS	1.44	ND	ND	ND	ND	ND	ND	ND	6.4	352
02/22/19 04:00 PM	11255	LS	1.53	ND	ND	ND	ND	ND	ND	ND	6.2	343
02/22/19 04:30 PM	10200	LS	1.39	ND	ND	ND	ND	ND	ND	ND	6.7	348
02/22/19 05:00 PM	9728	LS	1.33	ND	ND	ND	ND	ND	ND	ND	6.3	350
02/22/19 05:30 PM	7898	LS	1.09	ND	ND	ND	ND	ND	ND	ND	6.7	294
02/22/19 06:00 PM	6577	LS	0.93	ND	ND	ND	ND	ND	ND	ND	6.4	66
02/22/19 06:30 PM	6660	LS	0.95	ND	ND	ND	ND	ND	ND	ND	5.7	12
02/22/19 07:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.0	18
02/22/19 07:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.5	19
02/22/19 08:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.7	31
02/22/19 08:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.0	42
02/22/19 09:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.9	47
02/22/19 09:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.3	74
02/22/19 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.7	88
02/22/19 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.5	96
02/22/19 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.3	63
02/22/19 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.3	44
02/23/19 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.3	34

Daily Processed Summary (Average, Maximum)

Average	7505	LS	1.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.8	18
Maximum Value	11255	LS	1.53	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/23/19 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.2	76
02/23/19 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.1	142
02/23/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.9	169
02/23/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.9	163
02/23/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	13.9	158
02/23/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	15.9	156
02/23/19 03:30 AM	9402	LS	0.83	ND	ND	ND	ND	ND	ND	ND	16.2	165
02/23/19 04:00 AM	12097	LS	1.06	ND	ND	ND	ND	ND	ND	ND	18.0	166
02/23/19 04:30 AM	14775	LS	1.29	ND	ND	ND	ND	ND	ND	ND	17.0	168
02/23/19 05:00 AM	14955	168	1.31	ND	ND	ND	ND	ND	ND	ND	15.5	171
02/23/19 05:30 AM	16136	202	1.42	ND	ND	ND	ND	ND	ND	ND	13.0	174
02/23/19 06:00 AM	12817	LS	1.13	ND	ND	ND	ND	ND	ND	ND	14.0	175
02/23/19 06:30 AM	11635	LS	1.06	ND	ND	ND	ND	ND	ND	ND	11.6	181
02/23/19 07:00 AM	15090	185	1.34	ND	ND	ND	ND	ND	ND	ND	9.6	191
02/23/19 07:30 AM	16480	221	1.49	ND	ND	ND	ND	ND	ND	ND	7.8	188
02/23/19 08:00 AM	17428	251	1.56	ND	ND	ND	ND	ND	ND	ND	7.5	190
02/23/19 08:30 AM	18005	271	1.60	ND	ND	ND	ND	ND	ND	ND	8.5	184
02/23/19 09:00 AM	18574	288	1.64	ND	ND	ND	ND	ND	ND	ND	8.1	201
02/23/19 09:30 AM	17790	293	1.65	ND	ND	ND	ND	ND	ND	ND	5.1	247
02/23/19 10:00 AM	17402	275	1.61	ND	ND	ND	ND	ND	ND	ND	6.3	246
02/23/19 10:30 AM	16145	208	1.45	ND	ND	ND	ND	ND	ND	ND	6.2	239
02/23/19 11:00 AM	19193	295	1.67	ND	ND	ND	ND	ND	ND	ND	6.2	258
02/23/19 11:30 AM	19548	309	1.72	ND	ND	ND	ND	ND	ND	ND	7.1	268
02/23/19 12:00 PM	17311	316	1.85	ND	ND	ND	ND	ND	ND	0.01067	14.6	320
02/23/19 12:30 PM	14244	317	1.89	ND	ND	ND	ND	ND	ND	ND	13.8	347
02/23/19 01:00 PM	13211	323	1.88	ND	ND	ND	ND	ND	ND	ND	12.8	345
02/23/19 01:30 PM	12543	326	1.86	ND	ND	ND	ND	ND	ND	ND	12.2	339
02/23/19 02:00 PM	12321	322	1.85	ND	ND	ND	ND	ND	ND	ND	12.3	339
02/23/19 02:30 PM	12091	326	1.85	ND	ND	ND	ND	ND	ND	ND	12.4	340
02/23/19 03:00 PM	11996	328	1.85	ND	ND	ND	ND	ND	ND	ND	11.2	337
02/23/19 03:30 PM	10247	334	1.84	ND	ND	ND	ND	ND	ND	ND	11.4	337
02/23/19 04:00 PM	9356	337	1.84	ND	ND	ND	ND	ND	ND	ND	10.2	334
02/23/19 04:30 PM	8941	338	1.85	ND	ND	ND	ND	ND	ND	ND	7.9	338
02/23/19 05:00 PM	8763	336	1.84	ND	ND	ND	ND	ND	ND	ND	4.2	294
02/23/19 05:30 PM	9055	333	1.86	ND	ND	ND	ND	ND	ND	ND	5.1	352
02/23/19 06:00 PM	8994	329	1.89	ND	ND	ND	ND	ND	ND	ND	4.4	348
02/23/19 06:30 PM	8654	327	1.88	ND	ND	ND	ND	ND	ND	ND	3.8	268
02/23/19 07:00 PM	8927	320	1.84	ND	ND	ND	ND	ND	ND	ND	3.0	319
02/23/19 07:30 PM	9854	317	2.01	ND	ND	ND	ND	ND	ND	ND	2.6	297
02/23/19 08:00 PM	9677	313	2.12	ND	ND	ND	ND	ND	ND	ND	2.7	311
02/23/19 08:30 PM	9450	314	2.17	ND	ND	ND	ND	ND	ND	ND	3.8	315
02/23/19 09:00 PM	9438	314	2.20	ND	ND	ND	ND	ND	ND	ND	4.5	338
02/23/19 09:30 PM	9172	318	2.41	ND	ND	ND	ND	ND	ND	ND	3.9	344
02/23/19 10:00 PM	8356	315	2.15	ND	ND	ND	ND	ND	ND	ND	4.5	342
02/23/19 10:30 PM	7674	312	1.93	ND	ND	ND	ND	ND	ND	ND	4.1	349
02/23/19 11:00 PM	7299	314	1.98	ND	ND	ND	ND	ND	ND	ND	2.5	248
02/23/19 11:30 PM	7143	311	2.00	ND	ND	ND	ND	ND	ND	ND	2.8	15
02/24/19 12:00 AM	6382	312	2.24	ND	ND	ND	ND	ND	ND	0.00835	2.8	15

Daily Processed Summary (Average, Maximum)

Average	12347	298	1.74	BDL	BDL	BDL	BDL	BDL	BDL	0.00040	1.8	234
Maximum Value	19548	338	2.41	BDL	BDL	BDL	BDL	BDL	BDL	0.01067		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/24/19 12:30 AM	5942	313	2.30	ND	ND	ND	ND	ND	ND	ND	2.3	46
02/24/19 01:00 AM	5364	312	2.40	ND	ND	ND	ND	ND	ND	ND	2.0	137
02/24/19 01:30 AM	5279	314	2.89	ND	ND	ND	ND	ND	ND	ND	4.7	23
02/24/19 02:00 AM	4512	313	2.31	ND	ND	ND	ND	ND	ND	ND	6.1	18
02/24/19 02:30 AM	5013	305	1.93	ND	ND	ND	ND	ND	ND	ND	9.3	239
02/24/19 03:00 AM	5594	300	1.88	ND	ND	ND	ND	ND	ND	ND	9.8	13
02/24/19 03:30 AM	5826	301	2.00	ND	ND	ND	ND	ND	ND	ND	8.0	26
02/24/19 04:00 AM	5843	298	2.04	ND	ND	ND	ND	ND	ND	ND	9.4	22
02/24/19 04:30 AM	5893	297	2.15	ND	ND	ND	ND	ND	ND	ND	7.0	28
02/24/19 05:00 AM	6009	296	2.11	ND	ND	ND	ND	ND	ND	ND	7.7	21
02/24/19 05:30 AM	5946	293	2.28	ND	ND	ND	ND	ND	ND	ND	7.7	29
02/24/19 06:00 AM	5860	293	1.94	ND	ND	ND	ND	ND	ND	ND	7.2	31
02/24/19 06:30 AM	5889	292	1.92	ND	ND	ND	ND	ND	ND	ND	6.0	26
02/24/19 07:00 AM	5824	292	2.05	ND	ND	ND	ND	ND	ND	ND	3.9	29
02/24/19 07:30 AM	5792	291	2.29	ND	ND	ND	ND	ND	ND	ND	2.8	21
02/24/19 08:00 AM	6060	296	2.27	ND	ND	ND	ND	ND	ND	ND	7.0	17
02/24/19 08:30 AM	6022	307	2.00	ND	ND	ND	ND	ND	ND	ND	12.2	13
02/24/19 09:00 AM	5835	314	1.94	ND	ND	ND	ND	ND	ND	ND	13.5	23
02/24/19 09:30 AM	5775	321	1.96	ND	ND	ND	ND	ND	ND	ND	14.9	24
02/24/19 10:00 AM	5686	326	1.97	ND	ND	ND	ND	ND	ND	ND	14.4	19
02/24/19 10:30 AM	5608	330	1.97	ND	ND	ND	ND	ND	ND	ND	14.6	18
02/24/19 11:00 AM	5548	334	1.98	ND	ND	ND	ND	ND	ND	ND	13.1	22
02/24/19 11:30 AM	5554	338	1.98	ND	ND	ND	ND	ND	ND	ND	11.6	26
02/24/19 12:00 PM	5513	341	1.97	ND	ND	ND	ND	ND	ND	ND	10.9	18
02/24/19 12:30 PM	5420	342	1.97	ND	ND	ND	ND	ND	ND	ND	10.5	13
02/24/19 01:00 PM	5447	344	1.97	ND	ND	ND	ND	ND	ND	ND	10.3	71
02/24/19 01:30 PM	5385	345	1.96	ND	ND	ND	ND	ND	ND	ND	9.4	16
02/24/19 02:00 PM	5356	346	1.96	ND	ND	ND	ND	ND	ND	ND	10.3	18
02/24/19 02:30 PM	5407	346	1.95	ND	ND	ND	ND	ND	ND	ND	10.9	28
02/24/19 03:00 PM	5432	347	1.96	ND	ND	ND	ND	ND	ND	ND	11.0	26
02/24/19 03:30 PM	5320	346	1.94	ND	ND	ND	ND	ND	ND	ND	10.0	31
02/24/19 04:00 PM	5270	345	1.93	ND	ND	ND	ND	ND	ND	ND	9.7	29
02/24/19 04:30 PM	5182	343	1.92	ND	ND	ND	ND	ND	ND	ND	9.2	34
02/24/19 05:00 PM	5178	342	1.92	ND	ND	ND	ND	ND	ND	ND	8.6	24
02/24/19 05:30 PM	5325	338	1.97	ND	0.00213	ND	ND	ND	ND	ND	8.4	17
02/24/19 06:00 PM	5443	332	1.92	ND	ND	ND	ND	ND	ND	ND	4.7	17
02/24/19 06:30 PM	6080	324	1.90	ND	ND	ND	ND	ND	ND	ND	4.3	18
02/24/19 07:00 PM	6217	317	1.97	ND	ND	ND	ND	ND	ND	ND	4.9	27
02/24/19 07:30 PM	6355	313	2.71	ND	ND	ND	ND	ND	ND	ND	5.2	89
02/24/19 08:00 PM	6065	311	2.09	ND	ND	ND	ND	ND	ND	ND	3.6	82
02/24/19 08:30 PM	8213	306	2.01	ND	ND	ND	ND	ND	ND	ND	3.3	72
02/24/19 09:00 PM	8690	304	1.98	ND	ND	ND	ND	ND	ND	ND	3.2	65
02/24/19 09:30 PM	9097	303	1.97	ND	ND	ND	ND	ND	ND	ND	4.0	57
02/24/19 10:00 PM	9065	301	1.92	ND	ND	ND	ND	ND	ND	ND	3.8	42
02/24/19 10:30 PM	9005	301	1.96	ND	ND	ND	ND	ND	ND	ND	3.6	56
02/24/19 11:00 PM	7410	304	1.95	ND	ND	ND	ND	ND	ND	ND	4.4	45
02/24/19 11:30 PM	6426	304	1.91	ND	ND	ND	ND	ND	ND	ND	4.5	40
02/25/19 12:00 AM	6335	303	1.91	ND	ND	ND	ND	ND	ND	ND	4.5	40

Daily Processed Summary (Average, Maximum)

Average	6027	317	2.05	BDL	0.00004	BDL	BDL	BDL	BDL	BDL	7.0	27
Maximum Value	9097	347	2.89	BDL	0.00213	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6HG_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/25/19 12:30 AM	6403	303	2.01	ND	ND	ND	ND	ND	ND	ND	4.7	33
02/25/19 01:00 AM	6750	302	1.95	ND	ND	ND	ND	ND	ND	ND	5.2	33
02/25/19 01:30 AM	6808	299	1.95	ND	ND	ND	ND	ND	ND	ND	4.9	36
02/25/19 02:00 AM	6949	299	2.13	ND	ND	ND	ND	ND	ND	ND	4.7	23
02/25/19 02:30 AM	6903	299	2.09	ND	ND	ND	ND	ND	ND	ND	4.7	39
02/25/19 03:00 AM	6777	298	2.00	ND	ND	ND	ND	ND	ND	0.00606	4.2	28
02/25/19 03:30 AM	6806	297	2.13	ND	ND	ND	ND	ND	ND	ND	4.9	33
02/25/19 04:00 AM	6897	296	2.42	ND	ND	ND	ND	ND	ND	ND	5.6	25
02/25/19 04:30 AM	6808	294	2.15	ND	ND	ND	ND	ND	ND	ND	5.1	41
02/25/19 05:00 AM	6900	296	2.06	ND	ND	ND	ND	ND	ND	ND	5.6	48
02/25/19 05:30 AM	6910	296	2.06	ND	ND	ND	ND	ND	ND	ND	6.1	54
02/25/19 06:00 AM	7003	297	2.06	ND	ND	ND	ND	ND	ND	ND	6.1	54
02/25/19 06:30 AM	7047	298	2.07	ND	ND	ND	ND	ND	ND	ND	7.1	50
02/25/19 07:00 AM	7106	298	2.00	ND	ND	ND	ND	ND	ND	ND	7.5	48
02/25/19 08:00 AM	7293	299	1.97	ND	ND	ND	0.00336	ND	ND	ND	6.1	50
02/25/19 08:30 AM	7670	300	1.95	ND	ND	ND	ND	ND	ND	ND	9.9	69
02/25/19 09:00 AM	8076	301	1.90	ND	ND	ND	ND	ND	0.00288	ND	9.3	64
02/25/19 09:30 AM	8403	306	1.91	ND	ND	ND	ND	ND	ND	ND	10.5	71
02/25/19 10:00 AM	8753	309	1.92	ND	ND	ND	ND	ND	ND	ND	10.4	61
02/25/19 10:30 AM	9241	310	1.91	ND	ND	ND	ND	ND	ND	ND	7.1	57
02/25/19 11:00 AM	9712	309	1.89	ND	ND	ND	ND	ND	ND	ND	11.1	85
02/25/19 11:30 AM	10185	308	1.91	ND	ND	ND	ND	ND	ND	ND	12.4	89
02/25/19 12:00 PM	10462	309	1.85	ND	ND	ND	ND	ND	ND	ND	13.7	89
02/25/19 12:30 PM	10623	308	1.83	ND	ND	ND	0.00695	ND	ND	ND	14.1	99
02/25/19 01:00 PM	10794	307	1.85	ND	ND	ND	ND	ND	ND	ND	12.5	96
02/25/19 01:30 PM	10950	304	1.85	ND	ND	ND	ND	ND	ND	ND	12.0	91
02/25/19 02:00 PM	10160	237	1.69	ND	ND	ND	ND	ND	ND	ND	11.0	85
02/25/19 02:30 PM	10451	224	1.63	ND	ND	ND	ND	ND	ND	ND	11.5	79
02/25/19 03:00 PM	11623	277	1.76	ND	ND	ND	ND	ND	ND	ND	13.3	77
02/25/19 03:30 PM	12143	303	1.79	ND	ND	ND	ND	ND	ND	ND	11.8	72
02/25/19 04:00 PM	11900	285	1.79	ND	ND	ND	ND	ND	ND	ND	11.6	80
02/25/19 04:30 PM	12192	296	1.82	ND	ND	ND	ND	ND	ND	ND	11.9	79
02/25/19 05:00 PM	12261	303	1.80	ND	ND	ND	ND	ND	ND	ND	13.8	81
02/25/19 05:30 PM	12265	307	1.86	ND	ND	ND	ND	ND	ND	ND	13.7	84
02/25/19 06:00 PM	12159	305	1.89	ND	ND	ND	ND	ND	ND	ND	13.2	87
02/25/19 06:30 PM	11998	284	1.85	ND	ND	ND	ND	ND	ND	ND	11.9	86
02/25/19 07:00 PM	12260	296	1.85	ND	ND	ND	ND	ND	ND	ND	10.9	81
02/25/19 07:30 PM	12313	298	1.85	ND	ND	ND	ND	ND	ND	ND	11.1	82
02/25/19 08:00 PM	12250	290	1.85	ND	ND	ND	ND	ND	ND	ND	12.1	85
02/25/19 08:30 PM	12428	297	1.88	ND	ND	ND	ND	ND	ND	ND	12.3	88
02/25/19 09:00 PM	12258	271	1.82	ND	ND	ND	ND	ND	ND	ND	11.8	90
02/25/19 09:30 PM	9198	LS	1.38	ND	ND	ND	ND	ND	ND	ND	11.0	94
02/25/19 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.9	95
02/25/19 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.9	91
02/25/19 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.7	91
02/25/19 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.8	83
02/26/19 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.0	82

Daily Processed Summary (Average, Maximum)

Average	9374	296	1.91	BDL	BDL	BDL	0.00021	BDL	0.00006	0.00013	9.0	75
Maximum Value	12428	310	2.42	BDL	BDL	BDL	0.00695	BDL	0.00288	0.00606		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/26/19 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.7	79
02/26/19 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.2	81
02/26/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.1	79
02/26/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.2	87
02/26/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.9	91
02/26/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.6	90
02/26/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.4	95
02/26/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.2	104
02/26/19 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.8	108
02/26/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.2	109
02/26/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.2	107
02/26/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.8	110
02/26/19 06:30 AM	9382	109	1.00	ND	ND	ND	ND	ND	ND	ND	8.4	116
02/26/19 07:00 AM	13054	180	1.36	ND	ND	ND	ND	ND	ND	ND	8.4	111
02/26/19 07:30 AM	13354	183	1.39	ND	ND	ND	ND	ND	ND	ND	8.8	113
02/26/19 08:00 AM	12422	156	1.33	ND	ND	ND	ND	ND	ND	ND	8.9	113
02/26/19 08:30 AM	13693	183	1.52	ND	ND	ND	ND	ND	ND	ND	9.2	113
02/26/19 09:00 AM	13806	180	1.48	ND	ND	ND	ND	ND	ND	ND	9.1	118
02/26/19 09:30 AM	15276	223	1.56	ND	ND	ND	ND	ND	ND	ND	9.6	121
02/26/19 10:00 AM	12963	165	1.31	ND	ND	ND	ND	ND	ND	ND	10.1	129
02/26/19 10:30 AM	10433	LS	1.02	ND	ND	ND	ND	ND	ND	ND	11.8	137
02/26/19 11:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.0	132
02/26/19 11:30 AM	13987	170	1.35	ND	ND	ND	ND	ND	ND	ND	12.5	137
02/26/19 12:00 PM	11939	131	1.17	ND	ND	ND	ND	ND	ND	ND	13.0	135
02/26/19 12:30 PM	14273	187	1.38	ND	ND	ND	ND	ND	ND	ND	13.0	134
02/26/19 01:00 PM	14463	192	1.34	ND	ND	ND	ND	ND	ND	ND	13.3	135
02/26/19 01:30 PM	18153	283	1.68	ND	ND	ND	ND	ND	ND	ND	13.5	134
02/26/19 02:00 PM	17998	289	1.69	ND	ND	ND	ND	ND	ND	ND	13.9	136
02/26/19 02:30 PM	18361	298	1.72	ND	ND	ND	ND	ND	ND	ND	16.0	148
02/26/19 03:00 PM	18531	309	1.73	ND	ND	ND	ND	ND	ND	ND	15.9	144
02/26/19 03:30 PM	18219	296	1.70	ND	ND	ND	ND	ND	ND	ND	15.7	142
02/26/19 04:00 PM	18090	293	1.70	ND	ND	ND	ND	ND	ND	ND	12.3	138
02/26/19 04:30 PM	18081	303	1.71	ND	ND	ND	ND	ND	ND	ND	10.3	133
02/26/19 05:00 PM	18228	306	1.72	ND	ND	ND	ND	ND	ND	ND	10.3	140
02/26/19 05:30 PM	17984	294	1.70	ND	ND	ND	ND	ND	ND	ND	9.7	137
02/26/19 06:00 PM	16784	243	1.60	ND	ND	ND	ND	ND	ND	ND	9.5	146
02/26/19 06:30 PM	14485	181	1.40	ND	ND	ND	ND	ND	ND	ND	6.0	150
02/26/19 07:00 PM	12879	LS	1.27	ND	ND	ND	ND	ND	ND	ND	6.2	187
02/26/19 07:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.2	327
02/26/19 08:00 PM	10815	LS	1.22	ND	ND	ND	ND	ND	ND	ND	5.2	122
02/26/19 08:30 PM	9444	LS	1.25	ND	ND	ND	ND	ND	ND	ND	5.7	22
02/26/19 09:00 PM	7194	71	0.89	ND	ND	ND	ND	ND	ND	ND	4.2	57
02/26/19 09:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.0	61
02/26/19 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.3	55
02/26/19 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.6	85
02/26/19 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.7	94
02/26/19 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.6	108
02/27/19 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.1	117

Daily Processed Summary (Average, Maximum)

Average	14439	218	1.43	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.2	120
Maximum Value	18531	309	1.73	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/27/19 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	85
02/27/19 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	83
02/27/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	81
02/27/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	89
02/27/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	92
02/27/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	93
02/27/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	36
02/27/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.1
02/27/19 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.2
02/27/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	105
02/27/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	203
02/27/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.3
02/27/19 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.5
02/27/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.2
02/27/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.8
02/27/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.6
02/27/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.3
02/27/19 09:00 AM	12509	LS	1.22	ND	ND	ND	ND	ND	ND	ND	ND	2.7
02/27/19 09:30 AM	15862	208	1.50	ND	ND	ND	ND	ND	ND	ND	ND	3.5
02/27/19 10:00 AM	16861	238	1.57	ND	ND	ND	ND	ND	ND	ND	ND	3.2
02/27/19 10:30 AM	17761	270	1.63	ND	ND	ND	ND	ND	ND	ND	ND	2.5
02/27/19 11:00 AM	18449	300	1.67	ND	ND	ND	ND	ND	ND	ND	ND	2.9
02/27/19 11:30 AM	18921	316	1.71	ND	ND	ND	ND	ND	ND	ND	ND	6.6
02/27/19 12:00 PM	19167	325	1.73	ND	ND	ND	ND	ND	ND	ND	ND	6.2
02/27/19 12:30 PM	19528	330	1.75	ND	ND	ND	ND	ND	ND	ND	ND	5.5
02/27/19 01:00 PM	19799	335	1.76	ND	ND	ND	ND	ND	ND	ND	ND	5.5
02/27/19 01:30 PM	19897	338	1.76	ND	ND	ND	ND	ND	ND	ND	ND	6.3
02/27/19 02:00 PM	19784	336	1.75	ND	ND	ND	ND	ND	ND	ND	ND	7.5
02/27/19 02:30 PM	19564	329	1.74	ND	ND	ND	ND	ND	ND	ND	ND	9.9
02/27/19 03:00 PM	19388	317	1.71	ND	ND	ND	ND	ND	ND	ND	ND	10.8
02/27/19 03:30 PM	19281	317	1.71	ND	ND	ND	ND	ND	ND	ND	ND	11.7
02/27/19 04:00 PM	19088	326	1.71	ND	ND	ND	ND	ND	ND	ND	ND	8.8
02/27/19 04:30 PM	18486	334	1.73	ND	ND	ND	ND	ND	ND	ND	ND	8.9
02/27/19 05:00 PM	17945	337	1.74	ND	ND	ND	ND	ND	ND	ND	ND	8.9
02/27/19 05:30 PM	18237	334	1.74	ND	ND	ND	ND	ND	0.00311	ND	ND	8.5
02/27/19 06:00 PM	18575	328	1.71	ND	ND	ND	ND	ND	ND	ND	ND	10.8
02/27/19 06:30 PM	18368	322	1.70	ND	ND	ND	ND	ND	ND	ND	ND	9.1
02/27/19 07:00 PM	18460	319	1.70	ND	ND	ND	ND	ND	ND	ND	ND	8.2
02/27/19 07:30 PM	18349	316	1.71	ND	ND	ND	ND	ND	ND	ND	ND	7.9
02/27/19 08:00 PM	17978	310	1.69	ND	ND	ND	ND	ND	ND	ND	ND	5.4
02/27/19 08:30 PM	17966	306	1.67	ND	ND	ND	ND	ND	ND	ND	ND	5.7
02/27/19 09:00 PM	17463	288	1.64	ND	ND	ND	ND	ND	ND	ND	ND	6.5
02/27/19 09:30 PM	14127	190	1.35	ND	ND	ND	ND	ND	ND	ND	ND	5.2
02/27/19 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.8
02/27/19 10:30 PM	12983	169	1.32	ND	ND	ND	ND	ND	LS	LS	LS	3.6
02/27/19 11:00 PM	15893	257	1.59	ND	ND	ND	ND	ND	ND	ND	ND	5.2
02/27/19 11:30 PM	16820	291	1.67	ND	ND	ND	ND	ND	ND	ND	ND	3.9
02/28/19 12:00 AM	16838	290	1.66	ND	ND	ND	ND	ND	ND	ND	ND	3.0

Daily Processed Summary (Average, Maximum)

Average	17812	299	1.65	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.8	163
Maximum Value	19857	338	1.76	BDL	BDL	BDL	BDL	BDL	0.00311	BDL	BDL	

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
02/28/19 12:30 AM	16763	290	1.72	ND	ND	ND	ND	ND	ND	ND	1.7	168
02/28/19 01:00 AM	16439	282	1.78	ND	ND	ND	ND	ND	ND	ND	1.7	99
02/28/19 01:30 AM	16113	256	1.62	ND	ND	ND	ND	ND	ND	ND	6.8	136
02/28/19 02:00 AM	16115	229	1.56	ND	ND	ND	ND	ND	ND	ND	5.4	161
02/28/19 02:30 AM	17352	294	1.70	ND	ND	ND	ND	ND	ND	ND	2.4	286
02/28/19 03:00 AM	15625	254	1.61	ND	ND	ND	ND	ND	ND	ND	4.1	136
02/28/19 03:30 AM	10374	LS	LS	ND	ND	ND	ND	ND	ND	ND	2.5	116
02/28/19 04:00 AM	10033	LS	LS	ND	ND	ND	ND	ND	ND	ND	2.7	97
02/28/19 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.8	236
02/28/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.9	62
02/28/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	156
02/28/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.5	73
02/28/19 06:30 AM	9722	LS	LS	ND	ND	ND	ND	ND	ND	ND	10.3	23
02/28/19 07:00 AM	10890	198	1.65	ND	ND	ND	ND	ND	ND	ND	9.1	11
02/28/19 07:30 AM	11227	236	1.80	ND	ND	ND	ND	ND	ND	ND	12.2	179
02/28/19 08:00 AM	10816	261	1.87	ND	ND	ND	ND	ND	ND	ND	13.5	179
02/28/19 08:30 AM	10354	272	1.90	ND	ND	ND	ND	ND	ND	ND	13.8	125
02/28/19 09:00 AM	10041	276	1.91	ND	ND	ND	ND	ND	ND	ND	15.0	13
02/28/19 09:30 AM	9505	280	1.91	ND	ND	ND	ND	ND	ND	ND	16.1	12
02/28/19 10:00 AM	9163	280	1.91	ND	ND	ND	ND	ND	ND	ND	15.3	15
02/28/19 10:30 AM	8935	294	1.93	ND	ND	ND	ND	ND	ND	ND	15.5	9
02/28/19 11:00 AM	9194	297	1.94	ND	ND	ND	ND	ND	ND	ND	13.8	10
02/28/19 11:30 AM	9266	299	1.95	ND	ND	ND	ND	ND	ND	ND	12.9	122
02/28/19 12:00 PM	8953	298	1.96	ND	ND	ND	ND	ND	ND	ND	12.6	180
02/28/19 12:30 PM	7335	207	1.60	ND	ND	ND	ND	ND	ND	ND	11.3	19
02/28/19 01:00 PM	7492	202	1.66	ND	ND	ND	ND	ND	ND	ND	14.1	121
02/28/19 01:30 PM	7950	228	1.78	ND	ND	ND	ND	ND	ND	ND	12.1	11
02/28/19 02:00 PM	8018	236	1.81	ND	ND	ND	ND	ND	ND	ND	14.7	12
02/28/19 02:30 PM	8365	266	1.89	ND	ND	ND	ND	ND	ND	ND	15.3	7
02/28/19 03:00 PM	8330	277	1.93	ND	ND	ND	ND	ND	ND	ND	14.1	241
02/28/19 03:30 PM	8384	276	1.92	ND	ND	ND	ND	ND	ND	ND	11.9	65
02/28/19 04:00 PM	8200	261	1.93	ND	ND	ND	ND	ND	ND	ND	12.5	24
02/28/19 04:30 PM	7947	243	1.85	ND	ND	ND	ND	ND	ND	ND	9.9	129
02/28/19 05:00 PM	7754	248	1.88	ND	ND	ND	ND	ND	ND	ND	8.7	79
02/28/19 05:30 PM	7767	249	1.89	ND	ND	ND	ND	ND	ND	ND	10.1	14
02/28/19 06:00 PM	7799	266	1.92	ND	ND	ND	ND	ND	ND	ND	12.3	7
02/28/19 06:30 PM	7805	262	1.90	ND	ND	ND	ND	ND	ND	ND	12.9	16
02/28/19 07:00 PM	7804	266	1.93	ND	ND	ND	ND	ND	ND	ND	12.8	21
02/28/19 07:30 PM	7828	269	1.91	ND	ND	ND	ND	ND	ND	ND	14.4	15
02/28/19 08:00 PM	7765	270	1.88	ND	ND	ND	ND	ND	ND	ND	14.4	15
02/28/19 08:30 PM	7783	271	1.88	ND	ND	ND	ND	ND	ND	ND	12.8	7
02/28/19 09:00 PM	7712	266	1.87	ND	ND	ND	ND	ND	ND	ND	11.7	14
02/28/19 09:30 PM	7683	258	1.85	ND	ND	ND	ND	ND	ND	ND	12.3	8
02/28/19 10:00 PM	7387	238	1.80	ND	ND	ND	ND	ND	ND	ND	13.1	10
02/28/19 10:30 PM	7383	245	1.81	ND	ND	ND	ND	ND	ND	ND	12.6	10
02/28/19 11:00 PM	7581	252	1.85	ND	ND	ND	ND	ND	ND	ND	12.6	122
02/28/19 11:30 PM	7699	264	1.86	ND	ND	ND	ND	ND	ND	ND	11.8	7
03/01/19 12:00 AM	7721	267	1.86	ND	ND	ND	ND	ND	ND	ND	11.7	14

Daily Processed Summary (Average, Maximum)

Average	9645	261	1.83	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.7	34
Maximum Value	17352	299	1.96	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
March 2019**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			NONE			

**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
March 2019**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
			NONE			

# Open Path FTIR Daily (24-hour) Averages

Site: Formosa North AAMS

Timestamp	Capture (%)	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
3/1/2019	100	10347	279	1.94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.5	30
3/2/2019	44	16826	286	1.82	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.3	78
3/3/2019	69	8200	293	1.91	BDL	BDL	BDL	BDL	BDL	BDL	BDL	12.5	6
3/4/2019	100	4228	289	1.85	BDL	0.00001	BDL	0.00006	BDL	BDL	BDL	11.5	8
3/5/2019	100	3167	309	1.93	0.00037	0.00003	BDL	0.00007	BDL	BDL	BDL	6.5	6
3/6/2019	100	6338	310	1.89	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	76
3/7/2019	96	14335	292	1.82	BDL	BDL	0.00011	BDL	BDL	BDL	BDL	6.4	158
3/8/2019	98	16976	258	1.58	BDL	BDL	0.00008	BDL	BDL	BDL	BDL	11.7	165
3/9/2019	92	17723	274	1.62	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.8	162
3/10/2019	54	17617	267	1.59	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.4	110
3/11/2019	65	17677	287	1.63	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.8	108
3/12/2019	65	17993	283	1.61	BDL	BDL	BDL	BDL	BDL	BDL	BDL	13.2	125
3/13/2019	85	18717	292	1.63	BDL	BDL	BDL	BDL	BDL	BDL	BDL	15.6	165
3/14/2019	100	11314	297	1.71	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.8	27
3/15/2019	100	5134	292	1.76	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.9	8
3/16/2019	100	5734	290	1.86	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.0	40
3/17/2019	100	7171	296	1.96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.9	69
3/18/2019	100	7188	294	1.92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.7	61
3/19/2019	100	8768	287	1.85	BDL	0.00002	BDL	0.00006	BDL	BDL	BDL	7.7	85
3/20/2019	100	10026	287	1.80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.0	130
3/21/2019	100	10548	277	1.94	BDL	BDL	0.00006	0.00006	BDL	BDL	BDL	2.8	139
3/22/2019	77	10708	278	1.72	BDL	BDL	BDL	0.00014	0.00019	0.00004	BDL	7.0	143
3/23/2019	100	13922	272	1.65	0.00047	BDL	BDL	0.00018	BDL	0.00005	BDL	12.0	137
3/24/2019	100	15353	246	1.59	BDL	BDL	BDL	0.00021	BDL	BDL	BDL	9.1	156
3/25/2019	94	16168	243	1.58	BDL	BDL	BDL	0.00008	BDL	BDL	BDL	5.0	186
3/26/2019	100	10513	260	1.71	BDL	BDL	BDL	0.00013	BDL	0.00005	BDL	5.9	79
3/27/2019	100	10375	238	1.67	BDL	BDL	BDL	0.00052	BDL	BDL	BDL	6.8	112
3/28/2019	100	12384	248	1.61	BDL	BDL	BDL	0.00009	BDL	BDL	BDL	11.8	143
3/29/2019	100	14472	234	1.56	BDL	0.00008	BDL	0.00012	BDL	BDL	BDL	13.0	149
3/30/2019	100	13099	222	1.54	BDL	0.00018	BDL	0.00008	BDL	BDL	BDL	2.2	116
3/31/2019	94	6048	237	1.67	BDL	0.00024	BDL	0.00012	BDL	0.00014	BDL	9.7	13

## Daily Processed Summary (Average, Maximum)

Average	91	11583	275	1.74	0.00003	0.00002	0.00001	0.00006	0.00001	0.00001	BDL	4.4	108
Maximum Value	100	18717	310	1.96	0.00047	0.00024	0.00011	0.00052	0.00019	0.00014	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/01/19 12:30 AM	7782	272	1.87	ND	ND	ND	ND	ND	ND	ND	9.7	9
03/01/19 01:00 AM	7802	270	1.90	ND	ND	ND	ND	ND	ND	ND	9.2	23
03/01/19 01:30 AM	7842	264	1.90	ND	ND	ND	ND	ND	ND	ND	8.1	31
03/01/19 02:00 AM	7992	274	1.96	ND	ND	ND	ND	ND	ND	ND	5.6	25
03/01/19 02:30 AM	8128	279	1.95	ND	ND	ND	ND	ND	ND	ND	4.8	39
03/01/19 03:00 AM	8210	283	1.92	ND	ND	ND	ND	ND	ND	ND	7.8	12
03/01/19 03:30 AM	8246	285	1.94	ND	ND	ND	ND	ND	ND	ND	10.5	8
03/01/19 04:00 AM	8278	287	1.93	ND	ND	ND	ND	ND	ND	ND	12.3	64
03/01/19 04:30 AM	8335	287	1.94	ND	ND	ND	ND	ND	ND	ND	9.6	20
03/01/19 05:00 AM	8334	287	2.04	ND	ND	ND	ND	ND	ND	ND	8.9	24
03/01/19 05:30 AM	8363	287	2.01	ND	ND	ND	ND	ND	ND	ND	8.6	24
03/01/19 06:00 AM	8379	287	1.99	ND	ND	ND	ND	ND	ND	ND	7.1	32
03/01/19 06:30 AM	8412	288	2.01	ND	ND	ND	ND	ND	ND	ND	8.2	21
03/01/19 07:00 AM	8473	289	1.94	ND	ND	ND	ND	ND	ND	ND	6.7	119
03/01/19 07:30 AM	8551	291	1.96	ND	ND	ND	ND	ND	ND	ND	5.5	12
03/01/19 08:00 AM	8679	293	2.02	ND	ND	ND	ND	ND	ND	ND	9.0	18
03/01/19 08:30 AM	8823	294	2.05	ND	ND	ND	ND	ND	ND	ND	8.6	19
03/01/19 09:00 AM	8872	294	2.01	ND	ND	ND	ND	ND	ND	ND	8.1	20
03/01/19 09:30 AM	9078	295	2.02	ND	ND	ND	ND	ND	ND	ND	8.4	21
03/01/19 10:00 AM	9262	298	1.99	ND	ND	ND	ND	ND	ND	ND	8.9	23
03/01/19 10:30 AM	9523	293	1.97	ND	ND	ND	ND	ND	ND	ND	6.6	33
03/01/19 11:00 AM	9762	291	1.94	ND	ND	ND	ND	ND	ND	ND	5.5	30
03/01/19 11:30 AM	10085	292	1.93	ND	ND	ND	ND	ND	ND	ND	5.5	25
03/01/19 12:00 PM	10401	293	1.94	ND	ND	ND	ND	ND	ND	ND	4.3	14
03/01/19 12:30 PM	10706	295	1.94	ND	ND	ND	ND	ND	ND	ND	5.3	184
03/01/19 01:00 PM	10993	295	1.94	ND	ND	ND	ND	ND	ND	ND	5.5	18
03/01/19 01:30 PM	11050	294	1.93	ND	ND	ND	ND	ND	ND	ND	7.1	9
03/01/19 02:00 PM	11178	300	1.96	ND	ND	ND	ND	ND	ND	ND	5.8	27
03/01/19 02:30 PM	11576	305	1.95	ND	ND	ND	ND	ND	ND	ND	4.7	49
03/01/19 03:00 PM	11823	302	1.94	ND	ND	ND	ND	ND	ND	ND	4.4	53
03/01/19 03:30 PM	12251	304	1.94	ND	ND	ND	ND	ND	ND	ND	3.6	49
03/01/19 04:00 PM	12500	302	1.94	ND	ND	ND	ND	ND	ND	ND	4.0	58
03/01/19 04:30 PM	12829	305	1.95	ND	ND	ND	ND	ND	ND	ND	4.6	51
03/01/19 05:00 PM	13135	314	1.97	ND	ND	ND	ND	ND	ND	ND	4.1	50
03/01/19 05:30 PM	13239	315	1.98	ND	ND	ND	ND	ND	ND	ND	3.8	53
03/01/19 06:00 PM	13336	314	2.00	ND	ND	ND	ND	ND	ND	ND	4.1	80
03/01/19 06:30 PM	13483	313	1.99	ND	ND	ND	ND	ND	ND	ND	3.0	47
03/01/19 07:00 PM	13557	312	2.11	ND	ND	ND	ND	ND	ND	ND	3.2	16
03/01/19 07:30 PM	13570	312	2.08	ND	ND	ND	ND	ND	ND	ND	2.4	21
03/01/19 08:00 PM	13621	313	3.02	ND	ND	ND	ND	ND	ND	ND	3.0	25
03/01/19 08:30 PM	13703	313	2.08	ND	ND	ND	ND	ND	ND	ND	2.1	48
03/01/19 09:00 PM	13927	307	2.13	ND	ND	ND	ND	ND	ND	ND	3.7	10
03/01/19 09:30 PM	12660	237	1.79	ND	ND	ND	ND	ND	ND	ND	4.1	128
03/01/19 10:00 PM	9331	136	1.38	ND	ND	ND	ND	ND	ND	ND	5.1	20
03/01/19 10:30 PM	10494	163	1.54	ND	ND	ND	ND	ND	ND	ND	6.4	13
03/01/19 11:00 PM	10951	180	1.61	ND	ND	ND	ND	ND	ND	ND	8.0	21
03/01/19 11:30 PM	10746	172	1.67	ND	ND	ND	ND	ND	ND	ND	6.5	26
03/02/19 12:00 AM	8362	LS	LS	ND	ND	ND	ND	ND	ND	ND	5.6	37

## Daily Processed Summary (Average, Maximum)

Average	10347	283	1.96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.5	30
Maximum Value	13927	315	3.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/02/19 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.8	41
03/02/19 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.5	24
03/02/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.9	44
03/02/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.7	31
03/02/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.6	22
03/02/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.7	33
03/02/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.3	83
03/02/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.6	71
03/02/19 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.7	15
03/02/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.0	25
03/02/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.0	36
03/02/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.6	40
03/02/19 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.0	47
03/02/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.7	39
03/02/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.9	26
03/02/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.8	26
03/02/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.2	40
03/02/19 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.6	49
03/02/19 09:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.6	50
03/02/19 10:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.5	49
03/02/19 10:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.8	50
03/02/19 11:00 AM	13097	199	1.69	ND	ND	ND	ND	ND	ND	ND	6.4	66
03/02/19 11:30 AM	16737	307	2.10	ND	ND	ND	ND	ND	ND	ND	9.3	78
03/02/19 12:00 PM	17317	317	2.05	ND	ND	ND	ND	ND	ND	ND	9.2	87
03/02/19 12:30 PM	17608	321	2.05	ND	ND	ND	ND	ND	ND	ND	10.7	94
03/02/19 01:00 PM	17780	320	2.03	ND	ND	ND	ND	ND	ND	ND	9.0	87
03/02/19 01:30 PM	17805	321	1.91	ND	ND	ND	ND	ND	ND	ND	9.4	88
03/02/19 02:00 PM	18048	319	1.85	ND	ND	ND	ND	ND	ND	ND	9.6	99
03/02/19 02:30 PM	18133	319	1.80	ND	ND	ND	ND	ND	ND	ND	12.0	106
03/02/19 03:00 PM	18078	314	1.77	ND	ND	ND	ND	ND	ND	ND	11.8	102
03/02/19 03:30 PM	17853	308	1.78	ND	ND	ND	ND	ND	ND	ND	11.3	103
03/02/19 04:00 PM	17744	311	1.81	ND	ND	ND	ND	ND	ND	ND	10.9	100
03/02/19 04:30 PM	17321	299	1.77	ND	ND	ND	ND	ND	ND	ND	9.6	102
03/02/19 05:00 PM	16732	276	1.72	ND	ND	ND	ND	ND	ND	ND	9.2	97
03/02/19 05:30 PM	14643	196	1.54	ND	ND	ND	ND	ND	ND	ND	6.9	98
03/02/19 06:00 PM	16730	288	1.73	ND	ND	ND	ND	ND	ND	ND	7.7	99
03/02/19 06:30 PM	17067	289	1.78	ND	ND	ND	ND	ND	ND	ND	9.2	103
03/02/19 07:00 PM	17000	295	1.83	ND	ND	ND	ND	ND	ND	ND	9.7	98
03/02/19 07:30 PM	16945	295	1.83	ND	ND	ND	ND	ND	ND	ND	9.6	99
03/02/19 08:00 PM	16841	286	1.81	ND	ND	ND	ND	ND	ND	ND	8.3	99
03/02/19 08:30 PM	16245	259	1.77	ND	ND	ND	ND	ND	ND	ND	8.1	91
03/02/19 09:00 PM	13632	184	1.53	ND	ND	ND	ND	ND	ND	ND	6.6	83
03/02/19 09:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.4	89
03/02/19 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.4	96
03/02/19 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.7	106
03/02/19 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.4	107
03/02/19 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.9	100
03/03/19 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.8	38

Daily Processed Summary (Average, Maximum)

Average	16826	286	1.82	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.3	78
Maximum Value	18133	321	2.10	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/03/19 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.2	8
03/03/19 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.8	17
03/03/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.8	18
03/03/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.4	74
03/03/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.1	121
03/03/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.9	355
03/03/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.4	237
03/03/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.7	126
03/03/19 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.0	14
03/03/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.9	12
03/03/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.6	19
03/03/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.6	8
03/03/19 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.7	6
03/03/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.9	23
03/03/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.5	123
03/03/19 08:00 AM	7914	128	1.36	ND	ND	ND	ND	ND	ND	ND	13.4	343
03/03/19 08:30 AM	10549	246	1.90	ND	ND	ND	ND	ND	ND	ND	15.8	296
03/03/19 09:00 AM	10199	272	1.99	ND	ND	ND	ND	ND	ND	ND	15.4	353
03/03/19 09:30 AM	9862	280	2.00	ND	ND	ND	ND	ND	ND	ND	15.6	355
03/03/19 10:00 AM	9719	286	1.99	ND	ND	ND	ND	ND	ND	ND	13.7	353
03/03/19 10:30 AM	9728	287	1.96	ND	ND	ND	ND	ND	ND	ND	14.1	354
03/03/19 11:00 AM	9941	294	1.97	ND	ND	ND	ND	ND	ND	ND	14.3	61
03/03/19 11:30 AM	10043	301	1.98	ND	ND	ND	ND	ND	ND	ND	15.4	356
03/03/19 12:00 PM	9968	303	1.98	ND	ND	ND	ND	ND	ND	ND	18.3	354
03/03/19 12:30 PM	9908	302	1.96	ND	ND	ND	ND	ND	ND	ND	18.9	356
03/03/19 01:00 PM	9800	304	1.97	ND	ND	ND	ND	ND	ND	ND	20.3	295
03/03/19 01:30 PM	9639	302	1.97	ND	ND	ND	ND	ND	ND	ND	17.7	237
03/03/19 02:00 PM	8986	304	1.97	ND	ND	ND	ND	ND	ND	ND	21.5	4
03/03/19 02:30 PM	9085	306	1.96	ND	ND	ND	ND	ND	ND	ND	21.1	63
03/03/19 03:00 PM	8967	306	1.94	ND	ND	ND	ND	ND	ND	ND	22.1	5
03/03/19 03:30 PM	8706	307	1.94	ND	ND	ND	ND	ND	ND	ND	24.0	6
03/03/19 04:00 PM	8582	311	1.95	ND	ND	ND	ND	ND	ND	ND	23.2	5
03/03/19 04:30 PM	8299	311	1.95	ND	ND	ND	ND	ND	ND	ND	24.9	3
03/03/19 05:00 PM	8001	313	1.95	ND	ND	ND	ND	ND	ND	ND	23.2	64
03/03/19 05:30 PM	7884	317	1.95	ND	ND	ND	ND	ND	ND	ND	22.4	4
03/03/19 06:00 PM	7834	309	1.94	ND	ND	ND	ND	ND	ND	ND	21.9	3
03/03/19 06:30 PM	7541	305	1.91	ND	ND	ND	ND	ND	ND	ND	19.5	8
03/03/19 07:00 PM	7316	302	1.89	ND	ND	ND	ND	ND	ND	ND	18.5	6
03/03/19 07:30 PM	7183	301	1.89	ND	ND	ND	ND	ND	ND	ND	18.1	10
03/03/19 08:00 PM	7049	300	1.88	ND	ND	ND	ND	ND	ND	ND	20.4	9
03/03/19 08:30 PM	6708	298	1.88	ND	ND	ND	ND	ND	ND	ND	21.3	8
03/03/19 09:00 PM	6394	298	1.88	ND	ND	ND	ND	ND	ND	ND	20.6	14
03/03/19 09:30 PM	6093	297	1.89	ND	ND	ND	ND	ND	ND	ND	20.7	8
03/03/19 10:00 PM	5930	295	1.88	ND	ND	ND	ND	ND	ND	ND	17.4	4
03/03/19 10:30 PM	5883	294	1.88	ND	ND	ND	ND	ND	ND	ND	17.6	7
03/03/19 11:00 PM	5680	294	1.88	ND	ND	ND	ND	ND	ND	ND	19.1	12
03/03/19 11:30 PM	5631	295	1.87	ND	ND	ND	ND	ND	ND	ND	18.4	8
03/04/19 12:00 AM	5564	294	1.86	ND	ND	ND	ND	ND	ND	ND	17.2	10

## Daily Processed Summary (Average, Maximum)

Average	8200	293	1.91	BDL	BDL	BDL	BDL	BDL	BDL	BDL	12.5	6
Maximum Value	10549	317	2.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/04/19 12:30 AM	5513	293	1.86	ND	ND	ND	ND	ND	ND	ND	16.8	8
03/04/19 01:00 AM	5518	293	1.87	ND	ND	ND	ND	ND	ND	ND	15.4	12
03/04/19 01:30 AM	5463	293	1.85	ND	ND	ND	ND	ND	ND	ND	16.3	10
03/04/19 02:00 AM	5350	293	1.86	ND	ND	ND	ND	ND	ND	ND	18.1	6
03/04/19 02:30 AM	5266	292	1.85	ND	ND	ND	ND	ND	ND	ND	17.5	5
03/04/19 03:00 AM	5289	291	1.86	ND	ND	ND	ND	ND	ND	ND	17.4	122
03/04/19 03:30 AM	5295	290	1.85	ND	ND	ND	ND	ND	ND	ND	15.2	357
03/04/19 04:00 AM	5090	289	1.85	ND	ND	ND	ND	ND	ND	ND	16.1	356
03/04/19 04:30 AM	4922	288	1.85	ND	ND	ND	ND	ND	ND	ND	17.3	298
03/04/19 05:00 AM	4819	287	1.85	ND	ND	ND	ND	ND	ND	ND	17.9	3
03/04/19 05:30 AM	4812	287	1.84	ND	ND	ND	ND	ND	ND	ND	17.6	6
03/04/19 06:00 AM	4739	286	1.85	ND	ND	ND	ND	ND	ND	ND	19.3	63
03/04/19 06:30 AM	4619	285	1.84	ND	ND	ND	ND	ND	ND	ND	20.4	120
03/04/19 07:00 AM	4510	286	1.84	ND	ND	ND	ND	ND	ND	ND	17.9	8
03/04/19 07:30 AM	4359	285	1.83	ND	ND	ND	ND	ND	ND	ND	19.7	9
03/04/19 08:00 AM	4454	285	1.85	ND	ND	0.00295	ND	ND	ND	ND	17.1	6
03/04/19 08:30 AM	4298	283	1.84	ND	ND	ND	ND	ND	ND	ND	19.3	7
03/04/19 09:00 AM	4131	284	1.83	ND	ND	ND	ND	ND	ND	ND	19.3	11
03/04/19 09:30 AM	4140	285	1.84	ND	ND	ND	ND	ND	ND	ND	18.3	7
03/04/19 10:00 AM	4082	284	1.83	ND	ND	ND	ND	ND	ND	ND	18.7	12
03/04/19 10:30 AM	3996	285	1.84	ND	ND	ND	ND	ND	ND	ND	19.6	6
03/04/19 11:00 AM	3997	285	1.84	ND	0.00058	ND	ND	ND	ND	ND	17.5	6
03/04/19 11:30 AM	4071	283	1.84	ND	ND	ND	ND	ND	ND	ND	17.4	358
03/04/19 12:00 PM	4033	284	1.83	ND	ND	ND	ND	ND	ND	ND	18.1	240
03/04/19 12:30 PM	4011	285	1.83	ND	ND	ND	ND	ND	ND	ND	17.3	355
03/04/19 01:00 PM	4083	289	1.84	ND	ND	ND	ND	ND	ND	ND	16.9	297
03/04/19 01:30 PM	4171	296	1.85	ND	ND	ND	ND	ND	ND	ND	15.1	121
03/04/19 02:00 PM	4150	299	1.86	ND	ND	ND	ND	ND	ND	ND	16.2	299
03/04/19 02:30 PM	4135	297	1.86	ND	ND	ND	ND	ND	ND	ND	16.3	62
03/04/19 03:00 PM	4151	297	1.87	ND	ND	ND	ND	ND	ND	ND	16.6	297
03/04/19 03:30 PM	4152	297	1.86	ND	ND	ND	ND	ND	ND	ND	16.7	356
03/04/19 04:00 PM	4061	296	1.87	ND	ND	ND	ND	ND	ND	ND	16.9	350
03/04/19 04:30 PM	3941	295	1.87	ND	ND	ND	ND	ND	ND	ND	16.9	351
03/04/19 05:00 PM	3899	293	1.86	ND	ND	ND	ND	ND	ND	ND	15.6	353
03/04/19 05:30 PM	3857	291	1.86	ND	ND	ND	ND	ND	ND	ND	15.3	67
03/04/19 06:00 PM	3791	290	1.86	ND	ND	ND	ND	ND	ND	ND	14.7	11
03/04/19 06:30 PM	3697	289	1.85	ND	ND	ND	ND	ND	ND	ND	15.0	12
03/04/19 07:00 PM	3671	289	1.85	ND	ND	ND	ND	ND	ND	ND	14.1	12
03/04/19 07:30 PM	3662	288	1.84	ND	ND	ND	ND	ND	ND	ND	15.1	8
03/04/19 08:00 PM	3589	289	1.84	ND	ND	ND	ND	ND	ND	ND	14.5	9
03/04/19 08:30 PM	3581	289	1.84	ND	ND	ND	ND	ND	ND	ND	13.6	9
03/04/19 09:00 PM	3486	288	1.84	ND	ND	ND	ND	ND	ND	ND	15.4	7
03/04/19 09:30 PM	3446	289	1.84	ND	ND	ND	ND	ND	ND	ND	14.4	68
03/04/19 10:00 PM	3333	290	1.85	ND	ND	ND	ND	ND	ND	ND	14.5	8
03/04/19 10:30 PM	3342	290	1.85	ND	ND	ND	ND	ND	ND	ND	13.6	67
03/04/19 11:00 PM	3354	289	1.85	ND	ND	ND	ND	ND	ND	ND	13.7	67
03/04/19 11:30 PM	3333	289	1.86	ND	ND	ND	ND	ND	ND	ND	13.7	238
03/05/19 12:00 AM	3275	289	1.86	ND	ND	ND	ND	ND	ND	ND	15.8	238

Daily Processed Summary (Average, Maximum)

Average	4228	289	1.85	BDL	0.00001	BDL	0.00006	BDL	BDL	BDL	11.5	8
Maximum Value	5518	299	1.87	BDL	0.00058	BDL	0.00295	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/05/19 12:30 AM	3158	289	1.85	ND	ND	ND	ND	ND	ND	ND	15.0	298
03/05/19 01:00 AM	3150	288	1.84	ND	ND	ND	ND	ND	ND	ND	13.4	8
03/05/19 01:30 AM	3125	289	1.83	ND	ND	ND	ND	ND	ND	ND	13.1	13
03/05/19 02:00 AM	3067	287	1.83	ND	ND	ND	ND	ND	ND	ND	13.4	12
03/05/19 02:30 AM	3023	286	1.83	ND	ND	ND	ND	ND	ND	ND	14.6	11
03/05/19 03:00 AM	3035	286	1.84	ND	ND	ND	ND	ND	ND	ND	13.0	6
03/05/19 03:30 AM	3021	285	1.84	ND	ND	ND	ND	ND	ND	ND	12.7	5
03/05/19 04:00 AM	2962	284	1.85	ND	ND	ND	ND	ND	ND	ND	12.6	8
03/05/19 04:30 AM	3173	283	1.86	ND	ND	ND	ND	ND	ND	ND	9.5	5
03/05/19 05:00 AM	3034	282	1.85	ND	ND	ND	ND	ND	ND	ND	13.4	124
03/05/19 05:30 AM	2734	283	1.84	ND	ND	ND	ND	ND	ND	ND	16.4	7
03/05/19 06:00 AM	2685	282	1.84	ND	ND	ND	ND	ND	ND	ND	15.4	6
03/05/19 06:30 AM	2651	281	1.84	ND	ND	ND	ND	ND	ND	ND	16.3	7
03/05/19 07:00 AM	2657	280	1.83	ND	ND	ND	ND	ND	ND	ND	14.2	8
03/05/19 07:30 AM	2692	282	1.85	ND	ND	ND	ND	ND	ND	ND	11.4	11
03/05/19 08:00 AM	2690	286	1.85	ND	ND	ND	ND	ND	ND	ND	11.9	8
03/05/19 08:30 AM	2548	291	1.86	ND	0.00156	ND	ND	ND	ND	ND	14.5	16
03/05/19 09:00 AM	2415	296	1.87	ND	ND	ND	ND	ND	ND	ND	16.6	12
03/05/19 09:30 AM	2366	300	1.88	ND	ND	ND	ND	ND	ND	ND	17.7	12
03/05/19 10:00 AM	2434	307	1.91	ND	ND	ND	ND	ND	ND	ND	17.6	10
03/05/19 10:30 AM	2473	316	1.95	ND	ND	ND	0.00314	ND	ND	ND	19.4	11
03/05/19 11:00 AM	2537	331	2.01	ND	ND	ND	ND	ND	ND	ND	17.6	125
03/05/19 11:30 AM	2606	335	2.02	ND	ND	ND	ND	ND	ND	ND	16.7	296
03/05/19 12:00 PM	2773	345	2.06	ND	ND	ND	ND	ND	ND	ND	14.4	296
03/05/19 12:30 PM	2820	347	2.06	ND	ND	ND	ND	ND	ND	ND	14.0	177
03/05/19 01:00 PM	2817	353	2.06	ND	ND	ND	ND	ND	ND	ND	13.8	174
03/05/19 01:30 PM	3029	355	2.06	ND	ND	ND	ND	ND	ND	ND	13.1	292
03/05/19 02:00 PM	3063	356	2.06	ND	ND	ND	ND	ND	ND	ND	13.2	177
03/05/19 02:30 PM	3099	353	2.05	ND	ND	ND	ND	ND	ND	ND	11.7	294
03/05/19 03:00 PM	3166	351	2.03	ND	ND	ND	ND	ND	ND	ND	12.0	180
03/05/19 03:30 PM	3193	354	2.04	ND	ND	ND	ND	ND	ND	ND	12.0	345
03/05/19 04:00 PM	3244	349	2.02	ND	ND	ND	ND	ND	ND	ND	11.0	181
03/05/19 04:30 PM	3370	344	2.01	ND	ND	ND	ND	ND	ND	ND	11.6	69
03/05/19 05:00 PM	3416	339	1.99	ND	ND	ND	ND	ND	ND	ND	11.6	122
03/05/19 05:30 PM	3405	329	1.96	ND	ND	ND	ND	ND	ND	ND	12.6	16
03/05/19 06:00 PM	3446	320	1.95	ND	ND	ND	ND	ND	ND	ND	11.6	18
03/05/19 06:30 PM	3409	315	1.92	0.01774	ND	ND	ND	ND	ND	ND	10.0	16
03/05/19 07:00 PM	3539	309	1.91	ND	ND	ND	ND	ND	ND	ND	7.3	16
03/05/19 07:30 PM	3706	305	1.95	ND	ND	ND	ND	ND	ND	ND	5.7	18
03/05/19 08:00 PM	3847	301	1.99	ND	ND	ND	ND	ND	ND	ND	3.8	12
03/05/19 08:30 PM	3870	300	1.94	ND	ND	ND	ND	ND	ND	ND	5.3	3
03/05/19 09:00 PM	3984	299	1.90	ND	ND	ND	ND	ND	ND	ND	5.9	8
03/05/19 09:30 PM	3998	297	1.90	ND	ND	ND	ND	ND	ND	ND	3.9	13
03/05/19 10:00 PM	4012	294	1.94	ND	ND	ND	ND	ND	ND	ND	3.4	233
03/05/19 10:30 PM	4257	293	1.87	ND	ND	ND	ND	ND	ND	ND	5.3	331
03/05/19 11:00 PM	4230	294	1.88	ND	ND	ND	ND	ND	ND	ND	6.3	340
03/05/19 11:30 PM	4091	293	1.96	ND	ND	ND	ND	ND	ND	ND	5.3	348
03/06/19 12:00 AM	4016	292	1.91	ND	ND	ND	ND	ND	ND	ND	5.4	339

## Daily Processed Summary (Average, Maximum)

Average	3167	309	1.93	0.00037	0.00003	BDL	0.00007	BDL	BDL	BDL	6.5	6
Maximum Value	4257	356	2.06	0.01774	0.00156	BDL	0.00314	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/06/19 12:30 AM	3957	292	1.89	ND	ND	ND	ND	ND	ND	ND	6.2	340
03/06/19 01:00 AM	3934	290	1.89	ND	ND	ND	ND	ND	ND	ND	6.2	340
03/06/19 01:30 AM	3936	291	1.90	ND	ND	ND	ND	ND	ND	ND	5.7	343
03/06/19 02:00 AM	4060	289	1.91	ND	ND	ND	ND	ND	ND	ND	5.3	344
03/06/19 02:30 AM	4158	289	1.92	ND	ND	ND	ND	ND	ND	ND	5.7	347
03/06/19 03:00 AM	4102	289	1.95	ND	ND	ND	ND	ND	ND	ND	5.4	357
03/06/19 03:30 AM	4121	288	1.97	ND	ND	ND	ND	ND	ND	ND	5.7	357
03/06/19 04:00 AM	4056	290	1.97	ND	ND	ND	ND	ND	ND	ND	6.7	5
03/06/19 04:30 AM	4004	289	1.90	ND	ND	ND	ND	ND	ND	ND	6.5	6
03/06/19 05:00 AM	4097	288	1.92	ND	ND	ND	ND	ND	ND	ND	6.4	13
03/06/19 05:30 AM	4247	287	2.05	ND	ND	ND	ND	ND	ND	ND	6.3	28
03/06/19 06:00 AM	4068	286	1.93	ND	ND	ND	ND	ND	ND	ND	6.5	35
03/06/19 06:30 AM	4023	284	1.93	ND	ND	ND	ND	ND	ND	ND	5.5	38
03/06/19 07:00 AM	4000	283	1.94	ND	ND	ND	ND	ND	ND	ND	5.3	38
03/06/19 07:30 AM	4053	287	1.98	ND	ND	ND	ND	ND	ND	ND	5.5	36
03/06/19 08:00 AM	4058	297	1.96	ND	ND	ND	ND	ND	ND	ND	7.1	36
03/06/19 08:30 AM	3974	314	1.98	ND	ND	ND	ND	ND	ND	ND	9.2	52
03/06/19 09:00 AM	3884	329	2.00	ND	ND	ND	ND	ND	ND	ND	10.7	64
03/06/19 09:30 AM	3721	340	2.03	ND	ND	ND	ND	ND	ND	ND	11.3	73
03/06/19 10:00 AM	4096	346	2.08	ND	ND	ND	ND	ND	ND	ND	11.2	82
03/06/19 10:30 AM	4754	344	2.04	ND	ND	ND	ND	ND	ND	ND	9.6	74
03/06/19 11:00 AM	5209	347	2.03	ND	ND	ND	ND	ND	ND	ND	11.2	80
03/06/19 11:30 AM	5652	348	2.01	ND	ND	ND	ND	ND	ND	ND	10.4	90
03/06/19 12:00 PM	6182	343	1.99	ND	ND	ND	ND	ND	ND	ND	10.4	82
03/06/19 12:30 PM	6673	337	1.97	ND	ND	ND	ND	ND	ND	ND	10.0	98
03/06/19 01:00 PM	7325	336	1.92	ND	ND	ND	ND	ND	ND	ND	11.9	108
03/06/19 01:30 PM	7708	340	1.93	ND	ND	ND	ND	ND	ND	ND	11.7	106
03/06/19 02:00 PM	7840	338	1.92	ND	ND	ND	ND	ND	ND	ND	11.8	109
03/06/19 02:30 PM	7986	335	1.90	ND	ND	ND	ND	ND	ND	ND	12.4	108
03/06/19 03:00 PM	8042	330	1.87	ND	ND	ND	ND	ND	ND	ND	13.5	109
03/06/19 03:30 PM	8194	325	1.85	ND	ND	ND	ND	ND	ND	ND	13.4	111
03/06/19 04:00 PM	8236	321	1.84	ND	ND	ND	ND	ND	ND	ND	12.9	106
03/06/19 04:30 PM	8205	315	1.81	ND	ND	ND	ND	ND	ND	ND	13.5	107
03/06/19 05:00 PM	8256	312	1.79	ND	ND	ND	ND	ND	ND	ND	12.0	107
03/06/19 05:30 PM	8269	310	1.78	ND	ND	ND	ND	ND	ND	ND	11.2	104
03/06/19 06:00 PM	8286	307	1.77	ND	ND	ND	ND	ND	ND	ND	12.0	104
03/06/19 06:30 PM	8348	306	1.76	ND	ND	ND	ND	ND	ND	ND	10.7	106
03/06/19 07:00 PM	8424	305	1.76	ND	ND	ND	ND	ND	ND	ND	9.6	100
03/06/19 07:30 PM	8549	304	1.82	ND	ND	ND	ND	ND	ND	ND	7.7	90
03/06/19 08:00 PM	8600	305	1.80	ND	ND	ND	ND	ND	ND	ND	5.0	78
03/06/19 08:30 PM	8669	304	1.76	ND	ND	ND	ND	ND	ND	ND	4.5	72
03/06/19 09:00 PM	8722	304	1.76	ND	ND	ND	ND	ND	ND	ND	4.4	70
03/06/19 09:30 PM	8871	303	1.76	ND	ND	ND	ND	ND	ND	ND	4.1	59
03/06/19 10:00 PM	9026	303	1.76	ND	ND	ND	ND	ND	ND	ND	4.8	68
03/06/19 10:30 PM	9169	302	1.76	ND	ND	ND	ND	ND	ND	ND	4.1	73
03/06/19 11:00 PM	9342	301	1.79	ND	ND	ND	ND	ND	ND	ND	4.4	76
03/06/19 11:30 PM	9521	301	1.78	ND	ND	ND	ND	ND	ND	ND	4.2	70
03/07/19 12:00 AM	9642	298	1.81	ND	ND	ND	ND	ND	ND	ND	3.1	71

Daily Processed Summary (Average, Maximum)

Average	6338	310	1.89	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	76
Maximum Value	9642	348	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/07/19 12:30 AM	9874	293	1.81	ND	ND	ND	ND	ND	ND	ND	3.2	59
03/07/19 01:00 AM	9873	299	1.80	ND	ND	ND	ND	ND	ND	ND	2.7	89
03/07/19 01:30 AM	9956	298	2.02	ND	ND	ND	ND	ND	ND	ND	4.1	24
03/07/19 02:00 AM	10104	300	2.57	ND	ND	ND	ND	ND	ND	ND	3.0	21
03/07/19 02:30 AM	10157	301	2.51	ND	ND	ND	ND	ND	ND	ND	2.8	47
03/07/19 03:00 AM	10239	301	1.83	ND	ND	ND	ND	ND	ND	ND	2.9	36
03/07/19 03:30 AM	10321	301	1.83	ND	ND	ND	ND	ND	ND	ND	2.7	40
03/07/19 04:00 AM	10432	301	1.82	ND	ND	ND	ND	ND	ND	ND	2.9	40
03/07/19 04:30 AM	10466	291	1.82	ND	ND	ND	ND	ND	ND	ND	2.7	40
03/07/19 05:00 AM	10571	270	1.77	ND	ND	ND	ND	ND	ND	ND	2.9	42
03/07/19 05:30 AM	10722	264	1.76	ND	ND	ND	ND	ND	ND	ND	2.4	54
03/07/19 06:00 AM	10832	250	1.73	ND	ND	ND	ND	ND	ND	ND	2.6	135
03/07/19 06:30 AM	11018	255	1.89	ND	ND	ND	ND	ND	ND	ND	2.2	14
03/07/19 07:00 AM	11224	265	2.30	ND	ND	ND	ND	ND	ND	ND	2.2	58
03/07/19 07:30 AM	11397	265	2.22	ND	ND	ND	ND	ND	ND	ND	2.0	83
03/07/19 08:00 AM	11764	261	1.85	ND	ND	ND	ND	ND	ND	ND	3.8	101
03/07/19 08:30 AM	12574	270	1.84	ND	ND	ND	ND	ND	ND	ND	4.8	98
03/07/19 09:00 AM	13600	282	1.80	ND	ND	ND	ND	ND	ND	ND	7.1	161
03/07/19 09:30 AM	14717	292	1.76	ND	ND	ND	ND	ND	ND	ND	11.0	167
03/07/19 10:00 AM	15671	303	1.77	ND	ND	ND	ND	ND	ND	ND	11.8	164
03/07/19 10:30 AM	15918	308	1.77	ND	ND	ND	ND	ND	ND	ND	10.0	161
03/07/19 11:00 AM	16117	311	1.77	ND	ND	0.00198	ND	ND	ND	ND	10.1	169
03/07/19 11:30 AM	16117	311	1.75	ND	ND	0.00316	ND	ND	ND	ND	11.0	172
03/07/19 12:00 PM	16135	309	1.76	ND	ND	0.00316	ND	ND	ND	ND	9.8	174
03/07/19 12:30 PM	16112	308	1.72	ND	ND	ND	ND	ND	ND	ND	10.2	180
03/07/19 01:00 PM	16222	309	1.72	ND	ND	ND	ND	ND	ND	ND	8.2	177
03/07/19 01:30 PM	16153	310	1.72	ND	ND	ND	ND	ND	ND	ND	10.3	168
03/07/19 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	160
03/07/19 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	173
03/07/19 03:00 PM	16368	308	1.75	ND	ND	ND	ND	ND	ND	ND	10.3	166
03/07/19 03:30 PM	16366	300	1.73	ND	ND	ND	ND	ND	ND	ND	9.4	165
03/07/19 04:00 PM	16557	300	1.73	ND	ND	ND	ND	ND	ND	ND	10.7	156
03/07/19 04:30 PM	16782	299	1.72	ND	ND	ND	ND	ND	ND	ND	10.6	155
03/07/19 05:00 PM	16909	299	1.72	ND	ND	ND	ND	ND	ND	ND	12.9	164
03/07/19 05:30 PM	17103	308	1.74	ND	ND	ND	ND	ND	ND	ND	12.6	171
03/07/19 06:00 PM	17133	308	1.75	ND	ND	ND	ND	ND	ND	ND	11.3	170
03/07/19 06:30 PM	17211	307	1.75	ND	ND	ND	ND	ND	ND	ND	11.6	162
03/07/19 07:00 PM	17248	306	1.75	ND	ND	ND	ND	ND	ND	ND	11.3	164
03/07/19 07:30 PM	17185	304	1.75	ND	ND	ND	ND	ND	ND	ND	11.1	166
03/07/19 08:00 PM	16878	298	1.70	ND	ND	ND	ND	ND	ND	ND	10.6	158
03/07/19 08:30 PM	16929	295	1.69	ND	ND	ND	ND	ND	ND	ND	9.2	160
03/07/19 09:00 PM	17063	288	1.72	ND	ND	ND	ND	ND	ND	ND	10.8	164
03/07/19 09:30 PM	16700	275	1.66	ND	ND	ND	ND	ND	ND	ND	11.2	166
03/07/19 10:00 PM	16728	276	1.68	ND	ND	ND	ND	ND	ND	ND		
03/07/19 10:30 PM	16792	282	1.72	ND	ND	ND	ND	ND	ND	ND		
03/07/19 11:00 PM	16776	284	1.71	ND	ND	ND	ND	ND	ND	ND		
03/07/19 11:30 PM	17150	287	1.73	ND	ND	ND	ND	ND	ND	ND		
03/08/19 12:00 AM	17233	290	1.72	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	14335	292	1.82	BDL	BDL	0.00011	BDL	BDL	BDL	BDL	6.4	158
Maximum Value	17248	311	2.57	BDL	BDL	0.00316	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/08/19 12:30 AM	17132	289	1.69	ND	ND	ND	ND	ND	ND	ND	11.7	170
03/08/19 01:00 AM	17351	287	1.70	ND	ND	ND	ND	ND	ND	ND	14.9	166
03/08/19 01:30 AM	17504	290	1.70	ND	ND	0.00370	ND	ND	ND	ND	14.6	161
03/08/19 02:00 AM	17573	291	1.73	ND	ND	ND	ND	ND	ND	ND	12.7	163
03/08/19 02:30 AM	17766	290	1.71	ND	ND	ND	ND	ND	ND	ND	15.2	166
03/08/19 03:00 AM	17525	282	1.66	ND	ND	ND	ND	ND	ND	ND	13.8	169
03/08/19 03:30 AM	17162	276	1.64	ND	ND	ND	ND	ND	ND	ND	11.3	175
03/08/19 04:00 AM	16881	268	1.62	ND	ND	ND	ND	ND	ND	ND	11.9	176
03/08/19 04:30 AM	16812	259	1.60	ND	ND	ND	ND	ND	ND	ND	11.6	177
03/08/19 05:00 AM	15758	226	1.54	ND	ND	ND	ND	ND	ND	ND	8.8	184
03/08/19 05:30 AM	14152	176	1.38	ND	ND	ND	ND	ND	ND	ND	9.1	177
03/08/19 06:00 AM	13026	153	1.29	ND	ND	ND	ND	ND	ND	ND	9.6	176
03/08/19 06:30 AM	11963	LS	LS	ND	ND	ND	ND	ND	ND	ND	9.0	178
03/08/19 07:00 AM	11614	LS	LS	ND	ND	ND	ND	ND	ND	ND	8.8	181
03/08/19 07:30 AM	12276	LS	LS	ND	ND	ND	ND	ND	ND	ND	8.8	180
03/08/19 08:00 AM	13731	160	1.30	ND	ND	ND	ND	ND	ND	ND	8.9	194
03/08/19 08:30 AM	11808	LS	LS	ND	ND	ND	ND	ND	ND	ND	7.3	195
03/08/19 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.2	193
03/08/19 09:30 AM	12404	LS	LS	ND	ND	ND	ND	ND	ND	ND	6.4	193
03/08/19 10:00 AM	16929	253	1.55	ND	ND	ND	ND	ND	ND	ND	7.4	190
03/08/19 10:30 AM	18220	290	1.65	ND	ND	ND	ND	ND	ND	ND	6.5	199
03/08/19 11:00 AM	18462	298	1.68	ND	ND	ND	ND	ND	ND	ND	7.9	196
03/08/19 11:30 AM	18122	299	1.68	ND	ND	ND	ND	ND	ND	ND	8.7	195
03/08/19 12:00 PM	18212	301	1.68	ND	ND	ND	ND	ND	ND	ND	9.4	195
03/08/19 12:30 PM	18862	305	1.69	ND	ND	ND	ND	ND	ND	ND	10.8	190
03/08/19 01:00 PM	18692	306	1.68	ND	ND	ND	ND	ND	ND	ND	10.9	191
03/08/19 01:30 PM	18416	305	1.69	ND	ND	ND	ND	ND	ND	ND	11.0	193
03/08/19 02:00 PM	18525	305	1.68	ND	ND	ND	ND	ND	ND	ND	11.7	188
03/08/19 02:30 PM	18663	305	1.69	ND	ND	ND	ND	ND	ND	ND	11.7	175
03/08/19 03:00 PM	19061	304	1.68	ND	ND	ND	ND	ND	ND	ND	14.4	173
03/08/19 03:30 PM	19015	307	1.70	ND	ND	ND	ND	ND	ND	ND	14.4	170
03/08/19 04:00 PM	18942	308	1.71	ND	ND	ND	ND	ND	ND	ND	14.5	167
03/08/19 04:30 PM	19116	311	1.74	ND	ND	ND	ND	ND	ND	ND	12.8	162
03/08/19 05:00 PM	19035	308	1.74	ND	ND	ND	ND	ND	ND	ND	13.0	154
03/08/19 05:30 PM	19024	305	1.72	ND	ND	ND	ND	ND	ND	ND	11.0	149
03/08/19 06:00 PM	18752	301	1.71	ND	ND	ND	ND	ND	ND	ND	12.5	145
03/08/19 06:30 PM	18327	295	1.69	ND	ND	ND	ND	ND	ND	ND	15.1	143
03/08/19 07:00 PM	18338	288	1.66	ND	ND	ND	ND	ND	ND	ND	17.7	144
03/08/19 07:30 PM	18664	290	1.67	ND	ND	ND	ND	ND	ND	ND	17.6	145
03/08/19 08:00 PM	16489	222	1.51	ND	ND	ND	ND	ND	ND	ND	16.1	142
03/08/19 08:30 PM	14599	168	1.33	ND	ND	ND	ND	ND	ND	ND	15.9	143
03/08/19 09:00 PM	17560	248	1.59	ND	ND	ND	ND	ND	ND	ND	16.4	143
03/08/19 09:30 PM	17905	268	1.64	ND	ND	ND	ND	ND	ND	ND	15.2	143
03/08/19 10:00 PM	17829	274	1.65	ND	ND	ND	ND	ND	ND	ND	16.4	147
03/08/19 10:30 PM	17686	274	1.63	ND	ND	ND	ND	ND	ND	ND	17.5	145
03/08/19 11:00 PM	17410	267	1.62	ND	ND	ND	ND	ND	ND	ND	18.7	145
03/08/19 11:30 PM	17124	249	1.58	ND	ND	ND	ND	ND	ND	ND	17.1	146
03/09/19 12:00 AM	17446	253	1.58	ND	ND	ND	ND	ND	ND	ND	17.6	145

Daily Processed Summary (Average, Maximum)

Average	16976	273	1.63	BDL	BDL	0.00008	BDL	BDL	BDL	BDL	11.7	165
Maximum Value	19116	311	1.74	BDL	BDL	0.00370	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/09/19 12:30 AM	16453	221	1.50	ND	ND	ND	ND	ND	ND	ND	18.7	146
03/09/19 01:00 AM	17267	252	1.58	ND	ND	ND	ND	ND	ND	ND	16.9	147
03/09/19 01:30 AM	17390	258	1.61	ND	ND	ND	ND	ND	ND	ND	16.5	147
03/09/19 02:00 AM	17031	243	1.57	ND	ND	ND	ND	ND	ND	ND	14.4	146
03/09/19 02:30 AM	16860	235	1.58	ND	ND	ND	ND	ND	ND	ND	12.9	160
03/09/19 03:00 AM	17284	249	1.60	ND	ND	ND	ND	ND	ND	ND	13.0	173
03/09/19 03:30 AM	17436	262	1.59	ND	ND	ND	ND	ND	ND	ND	13.1	177
03/09/19 04:00 AM	17383	260	1.60	ND	ND	ND	ND	ND	ND	ND	12.9	176
03/09/19 04:30 AM	17539	260	1.60	ND	ND	ND	ND	ND	ND	ND	12.7	175
03/09/19 05:00 AM	17683	267	1.61	ND	ND	ND	ND	ND	ND	ND	10.8	174
03/09/19 05:30 AM	17969	276	1.63	ND	ND	ND	ND	ND	ND	ND	8.1	192
03/09/19 06:00 AM	18049	284	1.63	ND	ND	ND	ND	ND	ND	ND	15.4	177
03/09/19 06:30 AM	17913	284	1.64	ND	ND	ND	ND	ND	ND	ND	15.3	173
03/09/19 07:00 AM	17441	274	1.62	ND	ND	ND	ND	ND	ND	ND	15.3	175
03/09/19 07:30 AM	17334	276	1.62	ND	ND	ND	ND	ND	ND	ND	12.0	179
03/09/19 08:00 AM	17572	280	1.63	ND	ND	ND	ND	ND	ND	ND	12.2	179
03/09/19 08:30 AM	17884	286	1.65	ND	ND	ND	ND	ND	ND	ND	9.5	178
03/09/19 09:00 AM	18308	294	1.67	ND	ND	ND	ND	ND	ND	ND	9.7	186
03/09/19 09:30 AM	18458	298	1.67	ND	ND	ND	ND	ND	ND	ND	9.7	184
03/09/19 10:00 AM	18672	300	1.68	ND	ND	ND	ND	ND	ND	ND	13.2	174
03/09/19 10:30 AM	18849	304	1.71	ND	ND	ND	ND	ND	ND	ND	16.5	169
03/09/19 11:00 AM	18600	304	1.68	ND	ND	ND	ND	ND	ND	ND	15.2	174
03/09/19 11:30 AM	18550	305	1.68	ND	ND	ND	ND	ND	ND	ND	14.4	176
03/09/19 12:00 PM	18369	304	1.68	ND	ND	ND	ND	ND	ND	ND	9.3	185
03/09/19 12:30 PM	17972	301	1.68	ND	ND	ND	ND	ND	ND	ND	5.5	205
03/09/19 01:00 PM	17983	296	1.67	ND	ND	ND	ND	ND	ND	ND	7.0	185
03/09/19 01:30 PM	19134	302	1.68	ND	ND	ND	ND	ND	ND	ND	9.8	183
03/09/19 02:00 PM	19253	309	1.70	ND	ND	ND	ND	ND	ND	ND	9.2	196
03/09/19 02:30 PM	19167	313	1.71	ND	ND	ND	ND	ND	ND	ND	9.0	191
03/09/19 03:00 PM	19395	315	1.72	ND	ND	ND	ND	ND	ND	ND	9.5	166
03/09/19 03:30 PM	19294	315	1.71	ND	ND	ND	ND	ND	ND	ND	9.0	170
03/09/19 04:00 PM	19433	317	1.73	ND	ND	ND	ND	ND	ND	ND	10.2	168
03/09/19 04:30 PM	19576	320	1.74	ND	ND	ND	ND	ND	ND	ND	8.8	164
03/09/19 05:00 PM	19271	314	1.71	ND	ND	ND	ND	ND	ND	ND	8.9	128
03/09/19 05:30 PM	18899	310	1.70	ND	ND	ND	ND	ND	ND	ND	9.0	110
03/09/19 06:00 PM	18450	305	1.68	ND	ND	ND	ND	ND	ND	ND	9.5	117
03/09/19 06:30 PM	18103	298	1.68	ND	ND	ND	ND	ND	ND	ND	8.5	123
03/09/19 07:00 PM	17739	289	1.66	ND	ND	ND	ND	ND	ND	ND	8.6	122
03/09/19 07:30 PM	17278	278	1.64	ND	ND	ND	ND	ND	ND	ND	8.0	122
03/09/19 08:00 PM	16907	269	1.61	ND	ND	ND	ND	ND	ND	ND	7.5	125
03/09/19 08:30 PM	15716	220	1.50	ND	ND	ND	ND	ND	ND	ND	7.5	127
03/09/19 09:00 PM	13703	156	1.30	ND	ND	ND	ND	ND	ND	ND	8.7	136
03/09/19 09:30 PM	13179	LS	LS	ND	ND	ND	ND	ND	ND	ND	8.2	145
03/09/19 10:00 PM	13046	LS	LS	ND	ND	ND	ND	ND	ND	ND	7.1	138
03/09/19 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.5	132
03/09/19 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.1	131
03/09/19 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.1	115
03/10/19 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.1	119

Daily Processed Summary (Average, Maximum)

Average	17723	281	1.64	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.8	162
Maximum Value	19576	320	1.74	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/10/19 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.8	124
03/10/19 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.3	123
03/10/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.3	115
03/10/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.4	108
03/10/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	ND	ND
03/10/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	ND	ND
03/10/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.7	132
03/10/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.3	153
03/10/19 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.1	128
03/10/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.4	133
03/10/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.3	115
03/10/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.6	124
03/10/19 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.3	122
03/10/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.7	116
03/10/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.8	136
03/10/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.8	126
03/10/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.7	121
03/10/19 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.2	113
03/10/19 09:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.3	101
03/10/19 10:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.9	100
03/10/19 10:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.4	104
03/10/19 11:00 AM	11893	LS	LS	ND	ND	ND	ND	ND	ND	ND	6.9	104
03/10/19 11:30 AM	13842	LS	LS	ND	ND	ND	ND	ND	ND	ND	7.2	111
03/10/19 12:00 PM	13982	154	1.26	ND	ND	ND	ND	ND	ND	ND	8.3	114
03/10/19 12:30 PM	17320	233	1.54	ND	ND	ND	ND	ND	ND	ND	9.5	112
03/10/19 01:00 PM	13470	LS	LS	ND	ND	ND	ND	ND	ND	ND	8.7	122
03/10/19 01:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.9	124
03/10/19 02:00 PM	15465	190	1.37	ND	ND	ND	ND	ND	ND	ND	8.8	114
03/10/19 02:30 PM	18279	265	1.60	ND	ND	ND	ND	ND	ND	ND	8.3	111
03/10/19 03:00 PM	18775	290	1.65	ND	ND	ND	ND	ND	ND	ND	9.1	113
03/10/19 03:30 PM	18954	307	1.70	ND	ND	ND	ND	ND	ND	ND	7.2	82
03/10/19 04:00 PM	18588	310	1.70	ND	ND	ND	ND	ND	ND	ND	8.6	94
03/10/19 04:30 PM	18825	312	1.70	ND	ND	ND	ND	ND	ND	ND	9.8	103
03/10/19 05:00 PM	18698	312	1.71	ND	ND	ND	ND	ND	ND	ND	9.3	99
03/10/19 05:30 PM	18834	312	1.71	ND	ND	ND	ND	ND	ND	ND	10.5	102
03/10/19 06:00 PM	19066	312	1.70	ND	ND	ND	ND	ND	ND	ND	11.0	107
03/10/19 06:30 PM	19104	310	1.69	ND	ND	ND	ND	ND	ND	ND	10.8	116
03/10/19 07:00 PM	18805	307	1.68	ND	ND	ND	ND	ND	ND	ND	10.6	119
03/10/19 07:30 PM	18590	305	1.68	ND	ND	ND	ND	ND	ND	ND	10.9	101
03/10/19 08:00 PM	18522	305	1.70	ND	ND	ND	ND	ND	ND	ND	10.1	98
03/10/19 08:30 PM	18613	305	1.73	ND	ND	ND	ND	ND	ND	ND	9.0	97
03/10/19 09:00 PM	18688	303	1.70	ND	ND	ND	ND	ND	ND	ND	10.2	99
03/10/19 09:30 PM	18719	302	1.68	ND	ND	ND	ND	ND	ND	ND	10.4	100
03/10/19 10:00 PM	18655	300	1.68	ND	ND	ND	ND	ND	ND	ND	9.7	100
03/10/19 10:30 PM	18345	290	1.68	ND	ND	ND	ND	ND	ND	ND	9.2	94
03/10/19 11:00 PM	18368	286	1.67	ND	ND	ND	ND	ND	ND	ND	10.2	98
03/10/19 11:30 PM	17965	261	1.61	ND	ND	ND	ND	ND	ND	ND	9.8	103
03/11/19 12:00 AM	17665	257	1.58	ND	ND	ND	ND	ND	ND	ND	10.0	109

Daily Processed Summary (Average, Maximum)

Average	17617	284	1.64	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.4	110
Maximum Value	19104	312	1.73	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/11/19 12:30 AM	14834	178	1.34	ND	ND	ND	ND	ND	ND	ND	ND	108
03/11/19 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	107
03/11/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	118
03/11/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	118
03/11/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	121
03/11/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	114
03/11/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	109
03/11/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	115
03/11/19 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	115
03/11/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	115
03/11/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	115
03/11/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	93
03/11/19 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	106
03/11/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	114
03/11/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	112
03/11/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	103
03/11/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	107
03/11/19 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	90
03/11/19 09:30 AM	12936	148	1.23	ND	ND	ND	ND	ND	ND	ND	ND	97
03/11/19 10:00 AM	16875	229	1.54	ND	ND	ND	ND	ND	ND	ND	ND	106
03/11/19 10:30 AM	18713	287	1.67	ND	ND	ND	ND	ND	ND	ND	ND	117
03/11/19 11:00 AM	19288	303	1.68	ND	ND	ND	ND	ND	ND	ND	ND	119
03/11/19 11:30 AM	18791	307	1.67	ND	ND	ND	ND	ND	ND	ND	ND	119
03/11/19 12:00 PM	18673	307	1.68	ND	ND	ND	ND	ND	ND	ND	ND	119
03/11/19 12:30 PM	18832	309	1.68	ND	ND	ND	ND	ND	ND	ND	ND	123
03/11/19 01:00 PM	18787	312	1.68	ND	ND	ND	ND	ND	ND	ND	ND	117
03/11/19 01:30 PM	18643	313	1.69	ND	ND	ND	ND	ND	ND	ND	ND	118
03/11/19 02:00 PM	18488	312	1.68	ND	ND	ND	ND	ND	ND	ND	ND	117
03/11/19 02:30 PM	18125	314	1.68	ND	ND	ND	ND	ND	ND	ND	ND	123
03/11/19 03:00 PM	17745	315	1.69	ND	ND	ND	ND	ND	ND	ND	ND	120
03/11/19 03:30 PM	17679	314	1.68	ND	ND	ND	ND	ND	ND	ND	ND	113
03/11/19 04:00 PM	17830	315	1.69	ND	ND	ND	ND	ND	ND	ND	ND	103
03/11/19 04:30 PM	18006	315	1.69	ND	ND	ND	ND	ND	ND	ND	ND	112
03/11/19 05:00 PM	18002	314	1.70	ND	ND	ND	ND	ND	ND	ND	ND	106
03/11/19 05:30 PM	18012	312	1.69	ND	ND	ND	ND	ND	ND	ND	ND	108
03/11/19 06:00 PM	18011	311	1.69	ND	ND	ND	ND	ND	ND	ND	ND	112
03/11/19 06:30 PM	17870	308	1.68	ND	ND	ND	ND	ND	ND	ND	ND	111
03/11/19 07:00 PM	18076	306	1.68	ND	ND	ND	ND	ND	ND	ND	ND	110
03/11/19 07:30 PM	18200	304	1.70	ND	ND	ND	ND	ND	ND	ND	ND	99
03/11/19 08:00 PM	18085	304	1.73	ND	ND	ND	ND	ND	ND	ND	ND	97
03/11/19 08:30 PM	17856	301	1.69	ND	ND	ND	ND	ND	ND	ND	ND	104
03/11/19 09:00 PM	17811	299	1.68	ND	ND	ND	ND	ND	ND	ND	ND	102
03/11/19 09:30 PM	17907	297	1.70	ND	ND	ND	ND	ND	ND	ND	ND	95
03/11/19 10:00 PM	17989	297	1.69	ND	ND	ND	ND	ND	ND	ND	ND	98
03/11/19 10:30 PM	18160	296	1.69	ND	ND	ND	ND	ND	ND	ND	ND	90
03/11/19 11:00 PM	18423	295	1.69	ND	ND	ND	ND	ND	ND	ND	ND	83
03/11/19 11:30 PM	17160	237	1.55	ND	ND	ND	ND	ND	ND	ND	ND	88
03/12/19 12:00 AM	12178	123	1.15	ND	ND	ND	ND	ND	ND	ND	ND	96

Daily Processed Summary (Average, Maximum)

Average	17677	287	1.63	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.8	108
Maximum Value	19288	315	1.73	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/12/19 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.4	98
03/12/19 01:00 AM	12084	123	1.17	ND	ND	ND	ND	ND	ND	ND	10.5	102
03/12/19 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.8	105
03/12/19 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.4	111
03/12/19 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.9	118
03/12/19 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.3	119
03/12/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.3	115
03/12/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.2	115
03/12/19 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.0	111
03/12/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.3	115
03/12/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.3	114
03/12/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.4	113
03/12/19 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.6	114
03/12/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.1	121
03/12/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.2	129
03/12/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.6	134
03/12/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.4	134
03/12/19 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.1	131
03/12/19 09:30 AM	14367	165	1.29	ND	ND	ND	ND	ND	ND	ND	8.1	125
03/12/19 10:00 AM	15507	193	1.38	ND	ND	ND	ND	ND	ND	ND	7.3	114
03/12/19 10:30 AM	16332	218	1.45	ND	ND	ND	ND	ND	ND	ND	8.0	119
03/12/19 11:00 AM	17653	256	1.55	ND	ND	ND	ND	ND	ND	ND	8.2	117
03/12/19 11:30 AM	18430	284	1.62	ND	ND	ND	ND	ND	ND	ND	8.8	113
03/12/19 12:00 PM	18467	298	1.65	ND	ND	ND	ND	ND	ND	ND	11.2	124
03/12/19 12:30 PM	18553	306	1.67	ND	ND	ND	ND	ND	ND	ND	11.8	131
03/12/19 01:00 PM	18765	308	1.67	ND	ND	ND	ND	ND	ND	ND	12.4	129
03/12/19 01:30 PM	18811	308	1.70	ND	ND	ND	ND	ND	ND	ND	14.4	133
03/12/19 02:00 PM	18922	308	1.69	ND	ND	ND	ND	ND	ND	ND	13.2	131
03/12/19 02:30 PM	18960	308	1.68	ND	ND	ND	ND	ND	ND	ND	14.6	137
03/12/19 03:00 PM	18884	310	1.68	ND	ND	ND	ND	ND	ND	ND	17.9	143
03/12/19 03:30 PM	19053	308	1.68	ND	ND	ND	ND	ND	ND	ND	17.5	140
03/12/19 04:00 PM	19091	309	1.68	ND	ND	ND	ND	ND	ND	ND	18.8	140
03/12/19 04:30 PM	19060	308	1.67	ND	ND	ND	ND	ND	ND	ND	16.1	132
03/12/19 05:00 PM	18966	309	1.67	ND	ND	ND	ND	ND	ND	ND	16.1	126
03/12/19 05:30 PM	18864	308	1.67	ND	ND	ND	ND	ND	ND	ND	17.6	124
03/12/19 06:00 PM	18663	305	1.67	ND	ND	ND	ND	ND	ND	ND	17.8	125
03/12/19 06:30 PM	18594	302	1.66	ND	ND	ND	ND	ND	ND	ND	18.5	122
03/12/19 07:00 PM	18538	301	1.66	ND	ND	ND	ND	ND	ND	ND	18.0	121
03/12/19 07:30 PM	18457	298	1.66	ND	ND	ND	ND	ND	ND	ND	18.2	120
03/12/19 08:00 PM	18348	295	1.65	ND	ND	ND	ND	ND	ND	ND	19.5	123
03/12/19 08:30 PM	18258	295	1.65	ND	ND	ND	ND	ND	ND	ND	18.5	122
03/12/19 09:00 PM	17982	294	1.64	ND	ND	ND	ND	ND	ND	ND	18.0	123
03/12/19 09:30 PM	17931	295	1.64	ND	ND	ND	ND	ND	ND	ND	17.3	128
03/12/19 10:00 PM	17994	297	1.64	ND	ND	ND	ND	ND	ND	ND	17.4	130
03/12/19 10:30 PM	18022	296	1.64	ND	ND	ND	ND	ND	ND	ND	17.5	128
03/12/19 11:00 PM	18092	295	1.64	ND	ND	ND	ND	ND	ND	ND	19.0	128
03/12/19 11:30 PM	18076	294	1.63	ND	ND	ND	ND	ND	ND	ND	19.2	129
03/13/19 12:00 AM	18066	293	1.63	ND	ND	ND	ND	ND	ND	ND	19.9	132

Daily Processed Summary (Average, Maximum)

Average	17993	283	1.61	BDL	BDL	BDL	BDL	BDL	BDL	BDL	13.2	125
Maximum Value	19091	310	1.70	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/13/19 12:30 AM	18023	293	1.63	ND	ND	ND	ND	ND	ND	ND	19.5	137
03/13/19 01:00 AM	17967	292	1.63	ND	ND	ND	ND	ND	ND	ND	19.7	138
03/13/19 01:30 AM	17941	292	1.63	ND	ND	ND	ND	ND	ND	ND	19.9	138
03/13/19 02:00 AM	18038	292	1.64	ND	ND	ND	ND	ND	ND	ND	18.5	140
03/13/19 02:30 AM	17994	290	1.63	ND	ND	ND	ND	ND	ND	ND	18.0	139
03/13/19 03:00 AM	17891	289	1.63	ND	ND	ND	ND	ND	ND	ND	20.0	140
03/13/19 03:30 AM	17955	290	1.64	ND	ND	ND	ND	ND	ND	ND	18.3	140
03/13/19 04:00 AM	18114	290	1.63	ND	ND	ND	ND	ND	ND	ND	21.3	147
03/13/19 04:30 AM	18032	293	1.65	ND	ND	ND	ND	ND	ND	ND	18.4	149
03/13/19 05:00 AM	18134	296	1.66	ND	ND	ND	ND	ND	ND	ND	19.5	152
03/13/19 05:30 AM	18197	297	1.67	ND	ND	ND	ND	ND	ND	ND	17.1	151
03/13/19 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.6	147
03/13/19 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.2	148
03/13/19 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.9	155
03/13/19 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.8	165
03/13/19 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.2	166
03/13/19 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.7	172
03/13/19 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.4	175
03/13/19 09:30 AM	18017	292	1.63	ND	ND	ND	ND	ND	ND	ND	11.9	180
03/13/19 10:00 AM	18049	292	1.62	ND	ND	ND	ND	ND	ND	ND	10.9	182
03/13/19 10:30 AM	18151	292	1.63	ND	ND	ND	ND	ND	ND	ND	11.8	177
03/13/19 11:00 AM	18275	292	1.64	ND	ND	ND	ND	ND	ND	ND	12.3	175
03/13/19 11:30 AM	18304	286	1.62	ND	ND	ND	ND	ND	ND	ND	14.3	176
03/13/19 12:00 PM	18539	284	1.62	ND	ND	ND	ND	ND	ND	ND	10.2	184
03/13/19 12:30 PM	18709	286	1.63	ND	ND	ND	ND	ND	ND	ND	12.1	179
03/13/19 01:00 PM	18834	293	1.64	ND	ND	ND	ND	ND	ND	ND	14.7	179
03/13/19 01:30 PM	18613	293	1.63	ND	ND	ND	ND	ND	ND	ND	14.8	178
03/13/19 02:00 PM	18599	293	1.64	ND	ND	ND	ND	ND	ND	ND	14.9	184
03/13/19 02:30 PM	18533	294	1.63	ND	ND	ND	ND	ND	ND	ND	14.9	183
03/13/19 03:00 PM	18899	296	1.63	ND	ND	ND	ND	ND	ND	ND	15.2	183
03/13/19 03:30 PM	19376	303	1.64	ND	ND	ND	ND	ND	ND	ND	17.5	186
03/13/19 04:00 PM	19607	304	1.66	ND	ND	ND	ND	ND	ND	ND	16.2	190
03/13/19 04:30 PM	19632	304	1.66	ND	ND	ND	ND	ND	ND	ND	18.0	180
03/13/19 05:00 PM	19788	303	1.66	ND	ND	ND	ND	ND	ND	ND	16.4	179
03/13/19 05:30 PM	19731	303	1.66	ND	ND	ND	ND	ND	ND	ND	17.6	176
03/13/19 06:00 PM	19689	303	1.66	ND	ND	ND	ND	ND	ND	ND	16.6	174
03/13/19 06:30 PM	19739	302	1.66	ND	ND	ND	ND	ND	ND	ND	16.8	175
03/13/19 07:00 PM	19586	298	1.65	ND	ND	ND	ND	ND	ND	ND	17.0	172
03/13/19 07:30 PM	19424	293	1.63	ND	ND	ND	ND	ND	ND	ND	18.9	171
03/13/19 08:00 PM	19302	289	1.62	ND	ND	ND	ND	ND	ND	ND	18.8	174
03/13/19 08:30 PM	19224	285	1.61	ND	ND	ND	ND	ND	ND	ND	18.6	173
03/13/19 09:00 PM	19321	285	1.62	ND	ND	ND	ND	ND	ND	ND	18.2	166
03/13/19 09:30 PM	19038	284	1.60	ND	ND	ND	ND	ND	ND	ND	17.6	170
03/13/19 10:00 PM	19042	283	1.60	ND	ND	ND	ND	ND	ND	ND	17.2	170
03/13/19 10:30 PM	18666	283	1.60	ND	ND	ND	ND	ND	ND	ND	15.9	174
03/13/19 11:00 PM	18611	279	1.59	ND	ND	ND	ND	ND	ND	ND	17.9	174
03/13/19 11:30 PM	18837	279	1.58	ND	ND	ND	ND	ND	ND	ND	15.7	172
03/14/19 12:00 AM	18991	280	1.59	ND	ND	ND	ND	ND	ND	ND	17.0	168

Daily Processed Summary (Average, Maximum)

Average	18717	292	1.63	BDL	BDL	BDL	BDL	BDL	BDL	BDL	15.6	165
Maximum Value	19788	304	1.67	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/14/19 12:30 AM	18780	277	1.58	ND	ND	ND	ND	ND	ND	ND	16.8	172
03/14/19 01:00 AM	18659	273	1.57	ND	ND	ND	ND	ND	ND	ND	17.8	174
03/14/19 01:30 AM	18697	271	1.57	ND	ND	ND	ND	ND	ND	ND	17.4	176
03/14/19 02:00 AM	18607	267	1.56	ND	ND	ND	ND	ND	ND	ND	16.5	178
03/14/19 02:30 AM	18629	267	1.56	ND	ND	ND	ND	ND	ND	ND	17.7	176
03/14/19 03:00 AM	18666	268	1.56	ND	ND	ND	ND	ND	ND	ND	16.7	180
03/14/19 03:30 AM	18845	273	1.58	ND	ND	ND	ND	ND	ND	ND	16.1	186
03/14/19 04:00 AM	18848	277	1.58	ND	ND	ND	ND	ND	ND	ND	14.6	188
03/14/19 04:30 AM	18755	277	1.58	ND	ND	ND	ND	ND	ND	ND	12.9	192
03/14/19 05:00 AM	18638	278	1.58	ND	ND	ND	ND	ND	ND	ND	10.5	195
03/14/19 05:30 AM	18563	278	1.59	ND	ND	ND	ND	ND	ND	ND	9.4	195
03/14/19 06:00 AM	18426	278	1.59	ND	ND	ND	ND	ND	ND	ND	7.0	193
03/14/19 06:30 AM	18374	278	1.59	ND	ND	ND	ND	ND	ND	ND	6.1	212
03/14/19 07:00 AM	18250	282	1.61	ND	ND	ND	ND	ND	ND	ND	12.7	303
03/14/19 07:30 AM	18218	284	1.62	ND	ND	ND	ND	ND	ND	ND	9.0	297
03/14/19 08:00 AM	18335	285	1.69	ND	ND	ND	ND	ND	ND	ND	5.2	329
03/14/19 08:30 AM	14046	297	1.70	ND	ND	ND	ND	ND	ND	ND	11.9	235
03/14/19 09:00 AM	11432	302	1.73	ND	ND	ND	ND	ND	ND	ND	11.0	17
03/14/19 09:30 AM	10320	303	1.80	ND	ND	ND	ND	ND	ND	ND	11.6	19
03/14/19 10:00 AM	9675	304	1.75	ND	ND	ND	ND	ND	ND	ND	11.0	16
03/14/19 10:30 AM	8685	305	1.74	ND	ND	ND	ND	ND	ND	ND	12.4	14
03/14/19 11:00 AM	7806	307	1.74	ND	ND	ND	ND	ND	ND	ND	15.6	65
03/14/19 11:30 AM	6812	311	1.75	ND	ND	ND	ND	ND	ND	ND	17.0	352
03/14/19 12:00 PM	6168	314	1.74	ND	ND	ND	ND	ND	ND	ND	16.5	349
03/14/19 12:30 PM	5829	317	1.75	ND	ND	ND	ND	ND	ND	ND	19.5	356
03/14/19 01:00 PM	6232	318	1.76	ND	ND	ND	ND	ND	ND	ND	17.4	235
03/14/19 01:30 PM	6645	320	1.77	ND	ND	ND	ND	ND	ND	ND	16.3	122
03/14/19 02:00 PM	6833	319	1.77	ND	ND	ND	ND	ND	ND	ND	17.4	10
03/14/19 02:30 PM	6739	317	1.77	ND	ND	ND	ND	ND	ND	ND	17.0	6
03/14/19 03:00 PM	7164	317	1.77	ND	ND	ND	ND	ND	ND	ND	16.4	124
03/14/19 03:30 PM	7131	315	1.77	ND	ND	ND	ND	ND	ND	ND	17.6	67
03/14/19 04:00 PM	7085	314	1.77	ND	ND	ND	ND	ND	ND	ND	17.2	7
03/14/19 04:30 PM	7190	311	1.76	ND	ND	ND	ND	ND	ND	ND	17.3	14
03/14/19 05:00 PM	7198	310	1.76	ND	ND	ND	ND	ND	ND	ND	16.6	9
03/14/19 05:30 PM	7447	307	1.76	ND	ND	ND	ND	ND	ND	ND	13.9	29
03/14/19 06:00 PM	7349	306	1.79	ND	ND	ND	ND	ND	ND	ND	14.5	27
03/14/19 06:30 PM	7424	309	1.77	ND	ND	ND	ND	ND	ND	ND	17.2	19
03/14/19 07:00 PM	6986	309	1.75	ND	ND	ND	ND	ND	ND	ND	17.3	6
03/14/19 07:30 PM	7387	305	1.78	ND	ND	ND	ND	ND	ND	ND	13.4	16
03/14/19 08:00 PM	7849	302	1.84	ND	ND	ND	ND	ND	ND	ND	12.4	26
03/14/19 08:30 PM	7276	300	1.78	ND	ND	ND	ND	ND	ND	ND	11.9	27
03/14/19 09:00 PM	7260	299	1.92	ND	ND	ND	ND	ND	ND	ND	12.1	22
03/14/19 09:30 PM	7204	299	1.84	ND	ND	ND	ND	ND	ND	ND	10.6	20
03/14/19 10:00 PM	7257	298	1.81	ND	ND	ND	ND	ND	ND	ND	10.0	21
03/14/19 10:30 PM	7298	298	1.78	ND	ND	ND	ND	ND	ND	ND	9.5	18
03/14/19 11:00 PM	7428	297	1.76	ND	ND	ND	ND	ND	ND	ND	9.6	19
03/14/19 11:30 PM	7422	297	1.76	ND	ND	ND	ND	ND	ND	ND	11.1	12
03/15/19 12:00 AM	7226	296	1.78	ND	ND	ND	ND	ND	ND	ND	11.6	14

Daily Processed Summary (Average, Maximum)

Average	11314	297	1.71	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.8	27
Maximum Value	18848	320	1.92	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/15/19 12:30 AM	6661	298	1.74	ND	ND	ND	ND	ND	ND	ND	13.8	14
03/15/19 01:00 AM	6505	297	1.74	ND	ND	ND	ND	ND	ND	ND	11.9	12
03/15/19 01:30 AM	6483	297	1.74	ND	ND	ND	ND	ND	ND	ND	11.7	13
03/15/19 02:00 AM	6389	297	1.75	ND	ND	ND	ND	ND	ND	ND	13.5	11
03/15/19 02:30 AM	6356	297	1.76	ND	ND	ND	ND	ND	ND	ND	12.7	15
03/15/19 03:00 AM	6084	297	1.75	ND	ND	ND	ND	ND	ND	ND	15.2	17
03/15/19 03:30 AM	5952	296	1.76	ND	ND	ND	ND	ND	ND	ND	18.3	13
03/15/19 04:00 AM	5983	296	1.77	ND	ND	ND	ND	ND	ND	ND	16.7	13
03/15/19 04:30 AM	6146	295	1.78	ND	ND	ND	ND	ND	ND	ND	15.0	13
03/15/19 05:00 AM	6193	293	1.79	ND	ND	ND	ND	ND	ND	ND	17.1	10
03/15/19 05:30 AM	6082	294	1.78	ND	ND	ND	ND	ND	ND	ND	17.0	11
03/15/19 06:00 AM	5902	292	1.77	ND	ND	ND	ND	ND	ND	ND	17.7	12
03/15/19 06:30 AM	5915	291	1.78	ND	ND	ND	ND	ND	ND	ND	17.6	15
03/15/19 07:00 AM	5681	290	1.77	ND	ND	ND	ND	ND	ND	ND	16.4	14
03/15/19 07:30 AM	5381	289	1.76	ND	ND	ND	ND	ND	ND	ND	17.1	12
03/15/19 08:00 AM	4987	287	1.75	ND	ND	ND	ND	ND	ND	ND	18.7	16
03/15/19 08:30 AM	4759	288	1.74	ND	ND	ND	ND	ND	ND	ND	18.5	18
03/15/19 09:00 AM	4691	288	1.75	ND	ND	ND	ND	ND	ND	ND	18.8	20
03/15/19 09:30 AM	4603	288	1.75	ND	ND	ND	ND	ND	ND	ND	15.7	27
03/15/19 10:00 AM	4551	288	1.80	ND	ND	ND	ND	ND	ND	ND	14.4	30
03/15/19 10:30 AM	4434	288	1.75	ND	ND	ND	ND	ND	ND	ND	14.4	24
03/15/19 11:00 AM	4575	288	1.79	ND	ND	ND	ND	ND	ND	ND	16.5	22
03/15/19 11:30 AM	4547	277	1.76	ND	ND	ND	ND	ND	ND	ND	17.2	12
03/15/19 12:00 PM	4558	275	1.71	ND	ND	ND	ND	ND	ND	ND	16.3	12
03/15/19 12:30 PM	4589	276	1.72	ND	ND	ND	ND	ND	ND	ND	15.7	64
03/15/19 01:00 PM	4766	278	1.73	ND	ND	ND	ND	ND	ND	ND	17.0	67
03/15/19 01:30 PM	4924	286	1.74	ND	ND	ND	ND	ND	ND	ND	17.4	12
03/15/19 02:00 PM	4795	295	1.75	ND	ND	ND	ND	ND	ND	ND	17.3	124
03/15/19 02:30 PM	4888	297	1.76	ND	ND	ND	ND	ND	ND	ND	16.3	240
03/15/19 03:00 PM	4842	298	1.76	ND	ND	ND	ND	ND	ND	ND	16.7	294
03/15/19 03:30 PM	4590	298	1.76	ND	ND	ND	ND	ND	ND	ND	16.6	348
03/15/19 04:00 PM	4674	297	1.76	ND	ND	ND	ND	ND	ND	ND	16.9	295
03/15/19 04:30 PM	4883	296	1.76	ND	ND	ND	ND	ND	ND	ND	16.1	179
03/15/19 05:00 PM	4780	295	1.76	ND	ND	ND	ND	ND	ND	ND	15.3	178
03/15/19 05:30 PM	4532	295	1.76	ND	ND	ND	ND	ND	ND	ND	14.9	239
03/15/19 06:00 PM	4766	296	1.78	ND	ND	ND	ND	ND	ND	ND	15.6	298
03/15/19 06:30 PM	4701	295	1.78	ND	ND	ND	ND	ND	ND	ND	12.0	5
03/15/19 07:00 PM	4549	294	1.78	ND	ND	ND	ND	ND	ND	ND	9.1	181
03/15/19 07:30 PM	4648	293	1.78	ND	ND	ND	ND	ND	ND	ND	10.2	62
03/15/19 08:00 PM	4976	292	1.79	ND	ND	ND	ND	ND	ND	ND	11.3	358
03/15/19 08:30 PM	4990	292	1.79	ND	ND	ND	ND	ND	ND	ND	14.2	355
03/15/19 09:00 PM	4733	291	1.78	ND	ND	ND	ND	ND	ND	ND	12.8	298
03/15/19 09:30 PM	4548	292	1.78	ND	ND	ND	ND	ND	ND	ND	10.4	239
03/15/19 10:00 PM	4384	292	1.77	ND	ND	ND	ND	ND	ND	ND	9.4	299
03/15/19 10:30 PM	4534	292	1.79	ND	ND	ND	ND	ND	ND	ND	11.0	12
03/15/19 11:00 PM	4582	291	1.77	ND	ND	ND	ND	ND	ND	ND	10.6	10
03/15/19 11:30 PM	4610	290	1.76	ND	ND	ND	ND	ND	ND	ND		
03/16/19 12:00 AM	4731	289	1.78	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	5134	292	1.76	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.9	8
Maximum Value	6661	298	1.80	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/16/19 12:30 AM	4826	289	1.80	ND	ND	ND	ND	ND	ND	ND	10.1	236
03/16/19 01:00 AM	4900	289	1.82	ND	ND	ND	ND	ND	ND	ND	8.6	8
03/16/19 01:30 AM	4999	289	1.78	ND	ND	ND	ND	ND	ND	ND	7.6	181
03/16/19 02:00 AM	5052	289	1.79	ND	ND	ND	ND	ND	ND	ND	8.2	12
03/16/19 02:30 AM	5256	289	1.79	ND	ND	ND	ND	ND	ND	ND	7.6	123
03/16/19 03:00 AM	5205	288	1.81	ND	ND	ND	ND	ND	ND	ND	7.8	11
03/16/19 03:30 AM	5299	287	1.80	ND	ND	ND	ND	ND	ND	ND	6.5	11
03/16/19 04:00 AM	5507	288	1.82	ND	ND	ND	ND	ND	ND	ND	5.9	68
03/16/19 04:30 AM	5569	287	1.82	ND	ND	ND	ND	ND	ND	ND	7.4	16
03/16/19 05:00 AM	5596	285	1.84	ND	ND	ND	ND	ND	ND	ND	7.3	123
03/16/19 05:30 AM	5571	285	1.87	ND	ND	ND	ND	ND	ND	ND	7.6	9
03/16/19 06:00 AM	5478	284	1.82	ND	ND	ND	ND	ND	ND	ND	7.3	16
03/16/19 06:30 AM	5487	284	1.83	ND	ND	ND	ND	ND	ND	ND	8.8	10
03/16/19 07:00 AM	5530	284	1.88	ND	ND	ND	ND	ND	ND	ND	10.6	10
03/16/19 07:30 AM	5390	284	1.84	ND	ND	ND	ND	ND	ND	ND	10.2	14
03/16/19 08:00 AM	5268	286	1.83	ND	ND	ND	ND	ND	ND	ND	9.6	15
03/16/19 08:30 AM	5276	286	1.82	ND	ND	ND	ND	ND	ND	ND	9.7	20
03/16/19 09:00 AM	5131	288	1.83	ND	ND	ND	ND	ND	ND	ND	10.6	27
03/16/19 09:30 AM	5058	288	1.93	ND	ND	ND	ND	ND	ND	ND	10.5	25
03/16/19 10:00 AM	4864	289	1.88	ND	ND	ND	ND	ND	ND	ND	10.3	34
03/16/19 10:30 AM	4878	291	1.85	ND	ND	ND	ND	ND	ND	ND	10.7	34
03/16/19 11:00 AM	4859	291	1.79	ND	ND	ND	ND	ND	ND	ND	10.4	39
03/16/19 11:30 AM	4881	293	1.80	ND	ND	ND	ND	ND	ND	ND	9.3	43
03/16/19 12:00 PM	4824	294	1.79	ND	ND	ND	ND	ND	ND	ND	7.1	43
03/16/19 12:30 PM	4982	295	1.80	ND	ND	ND	ND	ND	ND	ND	7.9	43
03/16/19 01:00 PM	5117	295	1.81	ND	ND	ND	ND	ND	ND	ND	7.6	33
03/16/19 01:30 PM	5269	295	1.82	ND	ND	ND	ND	ND	ND	ND	6.7	36
03/16/19 02:00 PM	5243	295	1.83	ND	ND	ND	ND	ND	ND	ND	6.8	43
03/16/19 02:30 PM	5248	295	1.86	ND	ND	ND	ND	ND	ND	ND	6.2	43
03/16/19 03:00 PM	4982	296	1.82	ND	ND	ND	ND	ND	ND	ND	5.9	47
03/16/19 03:30 PM	5036	297	1.82	ND	ND	ND	ND	ND	ND	ND	5.5	49
03/16/19 04:00 PM	5013	297	1.82	ND	ND	ND	ND	ND	ND	ND	4.1	55
03/16/19 04:30 PM	5156	295	1.82	ND	ND	ND	ND	ND	ND	ND	4.3	77
03/16/19 05:00 PM	5580	286	1.83	ND	ND	ND	ND	ND	ND	ND	4.0	75
03/16/19 05:30 PM	6641	288	1.86	ND	ND	ND	ND	ND	ND	ND	3.9	69
03/16/19 06:00 PM	6768	292	1.86	ND	ND	ND	ND	ND	ND	ND	3.2	77
03/16/19 06:30 PM	6809	291	1.88	ND	ND	ND	ND	ND	ND	ND	2.4	81
03/16/19 07:00 PM	6824	291	1.86	ND	ND	ND	ND	ND	ND	ND	3.2	101
03/16/19 07:30 PM	6789	291	1.88	ND	ND	ND	ND	ND	ND	ND	3.3	118
03/16/19 08:00 PM	7172	290	2.06	ND	ND	ND	ND	ND	ND	ND	3.0	124
03/16/19 08:30 PM	7196	291	1.90	ND	ND	ND	ND	ND	ND	ND	2.6	115
03/16/19 09:00 PM	6903	291	1.83	ND	ND	ND	ND	ND	ND	ND	4.2	115
03/16/19 09:30 PM	6820	292	1.91	ND	ND	ND	ND	ND	ND	ND	2.8	94
03/16/19 10:00 PM	7082	291	1.94	ND	ND	ND	ND	ND	ND	ND	2.0	119
03/16/19 10:30 PM	7079	291	1.88	ND	ND	ND	ND	ND	ND	ND	2.3	41
03/16/19 11:00 PM	7557	292	2.13	ND	ND	ND	ND	ND	ND	ND	1.4	26
03/16/19 11:30 PM	7757	292	2.12	ND	ND	ND	ND	ND	ND	ND		
03/17/19 12:00 AM	7528	293	2.04	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	5734	290	1.86	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.0	40
Maximum Value	7757	297	2.13	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/17/19 12:30 AM	7682	293	2.16	ND	ND	ND	ND	ND	ND	ND	2.0	109
03/17/19 01:00 AM	7829	295	2.46	ND	ND	ND	ND	ND	ND	ND	2.5	317
03/17/19 01:30 AM	7985	291	2.18	ND	ND	ND	ND	ND	ND	ND	3.1	309
03/17/19 02:00 AM	8097	290	1.99	ND	ND	ND	ND	ND	ND	ND	2.4	339
03/17/19 02:30 AM	8076	291	2.03	ND	ND	ND	ND	ND	ND	ND	1.6	176
03/17/19 03:00 AM	8191	293	2.18	ND	ND	ND	ND	ND	ND	ND	2.1	311
03/17/19 03:30 AM	7881	292	2.15	ND	ND	ND	ND	ND	ND	ND	4.0	303
03/17/19 04:00 AM	7728	291	2.13	ND	ND	ND	ND	ND	ND	ND	4.6	303
03/17/19 04:30 AM	7790	291	2.10	ND	ND	ND	ND	ND	ND	ND	5.8	299
03/17/19 05:00 AM	7620	291	2.05	ND	ND	ND	ND	ND	ND	ND	5.3	306
03/17/19 05:30 AM	7545	290	1.98	ND	ND	ND	ND	ND	ND	ND	4.8	312
03/17/19 06:00 AM	7463	291	1.92	ND	ND	ND	ND	ND	ND	ND	4.6	317
03/17/19 06:30 AM	7333	291	1.92	ND	ND	ND	ND	ND	ND	ND	5.5	127
03/17/19 07:00 AM	7269	291	1.93	ND	ND	ND	ND	ND	ND	ND	3.6	32
03/17/19 07:30 AM	7156	292	2.01	ND	ND	ND	ND	ND	ND	ND	3.6	14
03/17/19 08:00 AM	7179	291	2.22	ND	ND	ND	ND	ND	ND	ND	4.8	23
03/17/19 08:30 AM	7421	291	2.68	ND	ND	ND	ND	ND	ND	ND	4.9	25
03/17/19 09:00 AM	7432	291	2.39	ND	ND	ND	ND	ND	ND	ND	6.4	31
03/17/19 09:30 AM	7326	293	1.98	ND	ND	ND	ND	ND	ND	ND	6.1	37
03/17/19 10:00 AM	7119	297	1.95	ND	ND	ND	ND	ND	ND	ND	6.9	43
03/17/19 10:30 AM	6736	298	1.93	ND	ND	ND	ND	ND	ND	ND	7.9	59
03/17/19 11:00 AM	6004	300	1.86	ND	ND	ND	ND	ND	ND	ND	8.1	59
03/17/19 11:30 AM	5799	301	1.85	ND	ND	ND	ND	ND	ND	ND	8.8	33
03/17/19 12:00 PM	5521	306	1.86	ND	ND	ND	ND	ND	ND	ND	7.9	28
03/17/19 12:30 PM	5380	307	1.87	ND	ND	ND	ND	ND	ND	ND	6.3	57
03/17/19 01:00 PM	5188	306	1.86	ND	ND	ND	ND	ND	ND	ND	6.8	96
03/17/19 01:30 PM	5634	307	1.87	ND	ND	ND	ND	ND	ND	ND	4.7	37
03/17/19 02:00 PM	5843	309	1.87	ND	ND	ND	ND	ND	ND	ND	4.5	138
03/17/19 02:30 PM	5810	311	1.88	ND	ND	ND	ND	ND	ND	ND	6.3	194
03/17/19 03:00 PM	6175	309	1.88	ND	ND	ND	ND	ND	ND	ND	7.4	218
03/17/19 03:30 PM	7738	304	1.86	ND	ND	ND	ND	ND	ND	ND	5.7	212
03/17/19 04:00 PM	7764	302	1.83	ND	ND	ND	ND	ND	ND	ND	4.5	184
03/17/19 04:30 PM	7481	303	1.84	ND	ND	ND	ND	ND	ND	ND	3.8	160
03/17/19 05:00 PM	7520	302	1.84	ND	ND	ND	ND	ND	ND	ND	4.3	131
03/17/19 05:30 PM	7358	300	1.80	ND	ND	ND	ND	ND	ND	ND	5.9	157
03/17/19 06:00 PM	7086	298	1.79	ND	ND	ND	ND	ND	ND	ND	7.1	139
03/17/19 06:30 PM	7213	297	1.79	ND	ND	ND	ND	ND	ND	ND	8.1	126
03/17/19 07:00 PM	7116	296	1.78	ND	ND	ND	ND	ND	ND	ND	6.3	120
03/17/19 07:30 PM	7046	294	1.79	ND	ND	ND	ND	ND	ND	ND	5.8	119
03/17/19 08:00 PM	7178	292	1.80	ND	ND	ND	ND	ND	ND	ND	4.5	119
03/17/19 08:30 PM	7197	291	1.77	ND	ND	ND	ND	ND	ND	ND	4.2	107
03/17/19 09:00 PM	7364	291	1.76	ND	ND	ND	ND	ND	ND	ND	4.6	99
03/17/19 09:30 PM	7536	290	1.82	ND	ND	ND	ND	ND	ND	ND	5.2	98
03/17/19 10:00 PM	7824	289	1.91	ND	ND	ND	ND	ND	ND	ND	4.5	94
03/17/19 10:30 PM	7749	289	1.84	ND	ND	ND	ND	ND	ND	ND	3.5	79
03/17/19 11:00 PM	7645	288	1.80	ND	ND	ND	ND	ND	ND	ND	3.0	77
03/17/19 11:30 PM	7651	288	1.89	ND	ND	ND	ND	ND	ND	ND		
03/18/19 12:00 AM	7524	289	1.94	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	7171	296	1.96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.9	69
Maximum Value	8191	311	2.68	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/18/19 12:30 AM	7433	289	1.83	ND	ND	ND	ND	ND	ND	ND	3.4	74
03/18/19 01:00 AM	7286	291	1.90	ND	ND	ND	ND	ND	ND	ND	3.0	87
03/18/19 01:30 AM	7454	290	1.88	ND	ND	ND	ND	ND	ND	ND	1.7	136
03/18/19 02:00 AM	7793	291	2.03	ND	ND	ND	ND	ND	ND	ND	2.9	321
03/18/19 02:30 AM	8115	290	1.97	ND	ND	ND	ND	ND	ND	ND	2.7	344
03/18/19 03:00 AM	8522	289	1.91	ND	ND	ND	ND	ND	ND	ND	3.5	358
03/18/19 03:30 AM	8774	287	1.89	ND	ND	ND	ND	ND	ND	ND	4.0	63
03/18/19 04:00 AM	8574	288	2.26	ND	ND	ND	ND	ND	ND	ND	3.4	12
03/18/19 04:30 AM	8321	288	2.08	ND	ND	ND	ND	ND	ND	ND	4.3	18
03/18/19 05:00 AM	7790	291	2.48	ND	ND	ND	ND	ND	ND	ND	4.3	26
03/18/19 05:30 AM	7428	290	2.31	ND	ND	ND	ND	ND	ND	ND	3.9	7
03/18/19 06:00 AM	7686	289	1.98	ND	ND	ND	ND	ND	ND	ND	4.7	12
03/18/19 06:30 AM	7981	289	2.08	ND	ND	ND	ND	ND	ND	ND	3.8	73
03/18/19 07:00 AM	8202	287	1.95	ND	ND	ND	ND	ND	ND	ND	6.0	67
03/18/19 07:30 AM	7959	287	1.92	ND	ND	ND	ND	ND	ND	ND	6.0	16
03/18/19 08:00 AM	8083	286	2.08	ND	ND	ND	ND	ND	ND	ND	7.3	19
03/18/19 08:30 AM	8201	285	1.91	ND	ND	ND	ND	ND	ND	ND	6.3	14
03/18/19 09:00 AM	7859	286	1.97	ND	ND	ND	ND	ND	ND	ND	7.9	23
03/18/19 09:30 AM	7576	289	2.15	ND	ND	ND	ND	ND	ND	ND	7.6	26
03/18/19 10:00 AM	7550	290	2.07	ND	ND	ND	ND	ND	ND	ND	7.6	18
03/18/19 10:30 AM	7159	292	1.97	ND	ND	ND	ND	ND	ND	ND	8.5	25
03/18/19 11:00 AM	6717	295	1.93	ND	ND	ND	ND	ND	ND	ND	10.6	24
03/18/19 11:30 AM	6853	297	1.90	ND	ND	ND	ND	ND	ND	ND	9.6	20
03/18/19 12:00 PM	6749	298	1.90	ND	ND	ND	ND	ND	ND	ND	9.2	26
03/18/19 12:30 PM	6448	299	1.90	ND	ND	ND	ND	ND	ND	ND	8.2	38
03/18/19 01:00 PM	5990	300	1.84	ND	ND	ND	ND	ND	ND	ND	8.5	51
03/18/19 01:30 PM	5670	303	1.83	ND	ND	ND	ND	ND	ND	ND	8.1	113
03/18/19 02:00 PM	5809	304	1.83	ND	ND	ND	ND	ND	ND	ND	4.9	170
03/18/19 02:30 PM	5845	307	1.83	ND	ND	ND	ND	ND	ND	ND	6.1	178
03/18/19 03:00 PM	5634	305	1.85	ND	ND	ND	ND	ND	ND	ND	6.7	157
03/18/19 03:30 PM	5670	302	1.86	ND	ND	ND	ND	ND	ND	ND	9.7	93
03/18/19 04:00 PM	5917	304	1.85	ND	ND	ND	ND	ND	ND	ND	9.2	96
03/18/19 04:30 PM	5696	305	1.80	ND	ND	ND	ND	ND	ND	ND	11.0	102
03/18/19 05:00 PM	5552	304	1.79	ND	ND	ND	ND	ND	ND	ND	11.2	99
03/18/19 05:30 PM	6193	302	1.80	ND	ND	ND	ND	ND	ND	ND	10.3	96
03/18/19 06:00 PM	6623	300	1.79	ND	ND	ND	ND	ND	ND	ND	9.7	100
03/18/19 06:30 PM	6832	297	1.80	ND	ND	ND	ND	ND	ND	ND	8.8	98
03/18/19 07:00 PM	7332	296	1.81	ND	ND	ND	ND	ND	ND	ND	8.1	96
03/18/19 07:30 PM	7519	295	1.84	ND	ND	ND	ND	ND	ND	ND	7.5	94
03/18/19 08:00 PM	7771	293	1.84	ND	ND	ND	ND	ND	ND	ND	5.7	83
03/18/19 08:30 PM	7337	294	1.77	ND	ND	ND	ND	ND	ND	ND	6.1	80
03/18/19 09:00 PM	7524	293	1.78	ND	ND	ND	ND	ND	ND	ND	5.3	64
03/18/19 09:30 PM	7494	293	1.78	ND	ND	ND	ND	ND	ND	ND	4.7	57
03/18/19 10:00 PM	7212	292	1.80	ND	ND	ND	ND	ND	ND	ND	3.5	62
03/18/19 10:30 PM	7142	291	1.80	ND	ND	ND	ND	ND	ND	ND	3.7	48
03/18/19 11:00 PM	7349	290	1.87	ND	ND	ND	ND	ND	ND	ND	4.9	56
03/18/19 11:30 PM	7214	291	1.83	ND	ND	ND	ND	ND	ND	ND	4.8	47
03/19/19 12:00 AM	7173	290	1.84	ND	ND	ND	ND	ND	ND	ND	5.0	45

Daily Processed Summary (Average, Maximum)

Average	7188	294	1.92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.7	61
Maximum Value	8774	307	2.48	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/19/19 12:30 AM	7241	287	1.82	ND	ND	ND	ND	ND	ND	ND	5.9	51
03/19/19 01:00 AM	7283	285	1.83	ND	ND	ND	ND	ND	ND	ND	5.8	45
03/19/19 01:30 AM	7299	284	1.86	ND	ND	ND	ND	ND	ND	ND	5.5	45
03/19/19 02:00 AM	7287	283	1.87	ND	ND	ND	ND	ND	ND	ND	5.9	43
03/19/19 02:30 AM	7215	282	1.88	ND	ND	ND	ND	ND	ND	ND	5.0	43
03/19/19 03:00 AM	7120	281	1.83	ND	ND	ND	ND	ND	ND	ND	4.5	41
03/19/19 03:30 AM	7126	280	1.89	ND	ND	ND	ND	ND	ND	ND	4.5	28
03/19/19 04:00 AM	7118	280	2.48	ND	ND	ND	ND	ND	ND	ND	2.9	36
03/19/19 04:30 AM	7206	279	2.00	ND	ND	ND	ND	ND	ND	ND	4.4	50
03/19/19 05:00 AM	7308	279	2.03	ND	ND	ND	ND	ND	ND	ND	4.1	75
03/19/19 05:30 AM	7349	281	1.99	ND	ND	ND	ND	ND	ND	ND	3.7	17
03/19/19 06:00 AM	7519	280	2.40	ND	ND	ND	ND	ND	ND	ND	6.0	31
03/19/19 06:30 AM	7633	280	1.95	ND	ND	ND	ND	ND	ND	ND	6.2	47
03/19/19 07:00 AM	7696	279	1.92	ND	ND	ND	ND	ND	ND	ND	5.4	53
03/19/19 07:30 AM	7852	279	1.90	ND	ND	ND	ND	ND	ND	ND	5.9	41
03/19/19 08:00 AM	8009	280	1.90	ND	ND	ND	ND	ND	ND	ND	6.3	54
03/19/19 08:30 AM	8155	282	1.90	ND	ND	ND	ND	ND	ND	ND	6.9	53
03/19/19 09:00 AM	8380	285	1.89	ND	ND	ND	ND	ND	ND	ND	6.9	52
03/19/19 09:30 AM	8782	286	1.87	ND	ND	ND	ND	ND	ND	ND	7.8	60
03/19/19 10:00 AM	9107	291	1.85	ND	ND	ND	ND	ND	ND	ND	9.1	69
03/19/19 10:30 AM	9134	294	1.83	ND	0.00075	ND	ND	ND	ND	ND	10.6	72
03/19/19 11:00 AM	9251	294	1.82	ND	ND	ND	ND	ND	ND	ND	10.9	76
03/19/19 11:30 AM	9317	294	1.80	ND	ND	ND	ND	ND	ND	ND	11.8	81
03/19/19 12:00 PM	9470	295	1.80	ND	ND	ND	ND	ND	ND	ND	13.9	94
03/19/19 12:30 PM	9530	295	1.78	ND	ND	ND	0.00311	ND	ND	ND	13.5	99
03/19/19 01:00 PM	9196	296	1.76	ND	ND	ND	ND	ND	ND	ND	16.1	105
03/19/19 01:30 PM	9130	295	1.75	ND	ND	ND	ND	ND	ND	ND	14.4	105
03/19/19 02:00 PM	9236	295	1.76	ND	ND	ND	ND	ND	ND	ND	12.5	107
03/19/19 02:30 PM	9336	293	1.76	ND	ND	ND	ND	ND	ND	ND	12.9	103
03/19/19 03:00 PM	9269	294	1.76	ND	ND	ND	ND	ND	ND	ND	12.8	104
03/19/19 03:30 PM	9228	294	1.77	ND	ND	ND	ND	ND	ND	ND	12.7	101
03/19/19 04:00 PM	9206	294	1.76	ND	ND	ND	ND	ND	ND	ND	12.6	104
03/19/19 04:30 PM	9110	293	1.75	ND	ND	ND	ND	ND	ND	ND	12.8	112
03/19/19 05:00 PM	9197	293	1.76	ND	ND	ND	ND	ND	ND	ND	12.5	107
03/19/19 05:30 PM	9259	293	1.75	ND	ND	ND	ND	ND	ND	ND	12.1	109
03/19/19 06:00 PM	9402	293	1.75	ND	ND	ND	ND	ND	ND	ND	10.7	107
03/19/19 06:30 PM	9539	291	1.75	ND	ND	ND	ND	ND	ND	ND	10.6	106
03/19/19 07:00 PM	9814	290	1.78	ND	ND	ND	ND	ND	ND	ND	8.8	100
03/19/19 07:30 PM	9886	289	1.78	ND	ND	ND	ND	ND	ND	ND	7.7	98
03/19/19 08:00 PM	10036	287	1.82	ND	ND	ND	ND	ND	ND	ND	7.6	97
03/19/19 08:30 PM	10106	287	1.75	ND	ND	ND	ND	ND	ND	ND	9.0	103
03/19/19 09:00 PM	10212	285	1.78	ND	ND	ND	ND	ND	ND	ND	8.2	99
03/19/19 09:30 PM	10227	283	1.79	ND	ND	ND	ND	ND	ND	ND	8.1	97
03/19/19 10:00 PM	10191	281	1.85	ND	ND	ND	ND	ND	ND	ND	6.8	93
03/19/19 10:30 PM	10084	281	1.85	ND	ND	ND	ND	ND	ND	ND	6.9	91
03/19/19 11:00 PM	10043	279	1.74	ND	ND	ND	ND	ND	ND	ND	6.4	84
03/19/19 11:30 PM	9942	279	1.77	ND	ND	ND	ND	ND	ND	ND	5.9	82
03/20/19 12:00 AM	9841	278	1.77	ND	ND	ND	ND	ND	ND	ND	6.0	83

## Daily Processed Summary (Average, Maximum)

Average	8768	287	1.85	BDL	0.00002	BDL	0.00006	BDL	BDL	BDL	7.7	85
Maximum Value	10227	296	2.48	BDL	0.00075	BDL	0.00311	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/20/19 12:30 AM	9775	276	1.78	ND	ND	ND	ND	ND	ND	ND	5.4	77
03/20/19 01:00 AM	9673	275	1.77	ND	ND	ND	ND	ND	ND	ND	5.5	76
03/20/19 01:30 AM	9677	275	1.77	ND	ND	ND	ND	ND	ND	ND	5.1	70
03/20/19 02:00 AM	9577	274	1.79	ND	ND	ND	ND	ND	ND	ND	5.0	69
03/20/19 02:30 AM	9728	273	1.79	ND	ND	ND	ND	ND	ND	ND	5.3	74
03/20/19 03:00 AM	9893	274	1.81	ND	ND	ND	ND	ND	ND	ND	6.2	85
03/20/19 03:30 AM	10103	275	1.95	ND	ND	ND	ND	ND	ND	ND	6.1	92
03/20/19 04:00 AM	10230	277	1.88	ND	ND	ND	ND	ND	ND	ND	6.5	96
03/20/19 04:30 AM	10174	277	1.91	ND	ND	ND	ND	ND	ND	ND	6.1	91
03/20/19 05:00 AM	10158	278	1.91	ND	ND	ND	ND	ND	ND	ND	5.2	94
03/20/19 05:30 AM	10094	277	1.90	ND	ND	ND	ND	ND	ND	ND	6.1	100
03/20/19 06:00 AM	10047	277	1.82	ND	ND	ND	ND	ND	ND	ND	5.7	79
03/20/19 06:30 AM	9824	277	1.79	ND	ND	ND	ND	ND	ND	ND	5.6	78
03/20/19 07:00 AM	9675	276	1.80	ND	ND	ND	ND	ND	ND	ND	5.2	75
03/20/19 07:30 AM	9565	276	1.86	ND	ND	ND	ND	ND	ND	ND	4.4	77
03/20/19 08:00 AM	9563	277	1.82	ND	ND	ND	ND	ND	ND	ND	3.8	57
03/20/19 08:30 AM	9540	282	2.37	ND	ND	ND	ND	ND	ND	ND	4.0	45
03/20/19 09:00 AM	9898	281	1.88	ND	ND	ND	ND	ND	ND	ND	4.9	61
03/20/19 09:30 AM	10390	286	1.80	ND	ND	ND	ND	ND	ND	ND	5.0	71
03/20/19 10:00 AM	10755	291	1.79	ND	ND	ND	ND	ND	ND	ND	5.7	84
03/20/19 10:30 AM	10133	294	1.77	ND	ND	ND	ND	ND	ND	ND	8.4	99
03/20/19 11:00 AM	9919	299	1.78	ND	ND	ND	ND	ND	ND	ND	9.6	102
03/20/19 11:30 AM	9638	301	1.76	ND	ND	ND	ND	ND	ND	ND	8.5	116
03/20/19 12:00 PM	9380	302	1.75	ND	ND	ND	ND	ND	ND	ND	8.3	119
03/20/19 12:30 PM	9140	302	1.75	ND	ND	ND	ND	ND	ND	ND	7.4	101
03/20/19 01:00 PM	9115	303	1.75	ND	ND	ND	ND	ND	ND	ND	7.8	117
03/20/19 01:30 PM	8980	303	1.76	ND	ND	ND	ND	ND	ND	ND	9.2	100
03/20/19 02:00 PM	9086	303	1.76	ND	ND	ND	ND	ND	ND	ND	8.4	115
03/20/19 02:30 PM	9328	304	1.76	ND	ND	ND	ND	ND	ND	ND	10.6	141
03/20/19 03:00 PM	9435	303	1.76	ND	ND	ND	ND	ND	ND	ND	9.6	132
03/20/19 03:30 PM	9524	303	1.75	ND	ND	ND	ND	ND	ND	ND	12.9	175
03/20/19 04:00 PM	9609	303	1.75	ND	ND	ND	ND	ND	ND	ND	12.7	172
03/20/19 04:30 PM	9533	301	1.75	ND	ND	ND	ND	ND	ND	ND	10.9	176
03/20/19 05:00 PM	9229	303	1.76	ND	ND	ND	ND	ND	ND	ND	9.5	184
03/20/19 05:30 PM	9248	302	1.75	ND	ND	ND	ND	ND	ND	ND	9.7	178
03/20/19 06:00 PM	9524	302	1.76	ND	ND	ND	ND	ND	ND	ND	10.4	167
03/20/19 06:30 PM	8742	302	1.76	ND	ND	ND	ND	ND	ND	ND	8.8	159
03/20/19 07:00 PM	10310	299	1.76	ND	ND	ND	ND	ND	ND	ND	10.4	156
03/20/19 07:30 PM	10956	295	1.75	ND	ND	ND	ND	ND	ND	ND	9.2	165
03/20/19 08:00 PM	11051	290	1.75	ND	ND	ND	ND	ND	ND	ND	8.0	176
03/20/19 08:30 PM	11212	286	1.74	ND	ND	ND	ND	ND	ND	ND	5.8	184
03/20/19 09:00 PM	11161	282	1.71	ND	ND	ND	ND	ND	ND	ND	5.4	185
03/20/19 09:30 PM	11316	279	1.71	ND	ND	ND	ND	ND	ND	ND	4.9	191
03/20/19 10:00 PM	11320	278	1.73	ND	ND	ND	ND	ND	ND	ND	3.7	189
03/20/19 10:30 PM	11353	276	1.72	ND	ND	ND	ND	ND	ND	ND	6.0	199
03/20/19 11:00 PM	11370	276	1.73	ND	ND	ND	ND	ND	ND	ND	4.8	194
03/20/19 11:30 PM	11481	274	1.74	ND	ND	ND	ND	ND	ND	ND	4.8	215
03/21/19 12:00 AM	11802	269	1.74	ND	ND	ND	ND	ND	ND	ND	4.5	246

Daily Processed Summary (Average, Maximum)

Average	10026	287	1.80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.0	130
Maximum Value	11802	304	2.37	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/21/19 12:30 AM	11726	263	1.69	ND	ND	ND	ND	ND	ND	ND	3.5	296
03/21/19 01:00 AM	11348	267	1.73	ND	ND	ND	ND	ND	ND	ND	3.5	318
03/21/19 01:30 AM	11019	262	1.79	ND	ND	ND	ND	ND	ND	ND	4.6	328
03/21/19 02:00 AM	10876	263	2.10	ND	ND	ND	ND	ND	ND	ND	5.2	286
03/21/19 02:30 AM	10355	269	2.33	ND	ND	ND	ND	ND	ND	ND	2.9	128
03/21/19 03:00 AM	10000	260	2.45	ND	ND	ND	ND	ND	ND	ND	2.9	232
03/21/19 03:30 AM	10006	253	2.30	ND	ND	ND	ND	ND	ND	ND	2.8	262
03/21/19 04:00 AM	10109	248	1.97	ND	ND	ND	ND	ND	ND	ND	3.1	326
03/21/19 04:30 AM	10013	260	2.31	ND	ND	ND	ND	ND	ND	ND	2.3	66
03/21/19 05:00 AM	10001	261	2.41	ND	ND	ND	ND	ND	ND	ND	1.8	30
03/21/19 05:30 AM	9964	262	2.25	ND	ND	ND	ND	ND	ND	ND	2.8	21
03/21/19 06:00 AM	10181	271	2.55	ND	ND	ND	ND	ND	ND	ND	4.3	69
03/21/19 06:30 AM	10343	270	1.98	ND	ND	ND	ND	ND	ND	ND	4.5	17
03/21/19 07:00 AM	10242	270	2.35	ND	ND	ND	ND	ND	ND	ND	4.5	28
03/21/19 07:30 AM	9906	273	3.01	ND	ND	ND	ND	ND	ND	ND	3.5	29
03/21/19 08:00 AM	9695	274	2.30	ND	ND	ND	ND	ND	ND	ND	4.7	51
03/21/19 08:30 AM	9804	281	1.92	ND	ND	ND	ND	ND	ND	ND	5.6	57
03/21/19 09:00 AM	10220	285	1.90	ND	ND	ND	ND	ND	ND	ND	5.8	73
03/21/19 09:30 AM	10366	291	1.88	ND	ND	ND	ND	ND	ND	ND	8.0	82
03/21/19 10:00 AM	9979	295	1.89	ND	ND	ND	ND	ND	ND	ND	9.3	91
03/21/19 10:30 AM	9516	298	1.86	ND	ND	ND	ND	ND	ND	ND	8.1	85
03/21/19 11:00 AM	8757	300	1.84	ND	ND	ND	ND	ND	ND	ND	7.9	77
03/21/19 11:30 AM	8477	301	1.82	ND	ND	ND	ND	ND	ND	ND	8.0	87
03/21/19 12:00 PM	8514	301	1.82	ND	ND	ND	ND	ND	ND	ND	6.0	82
03/21/19 12:30 PM	8984	302	1.82	ND	ND	ND	ND	ND	ND	ND	4.9	58
03/21/19 01:00 PM	9464	304	1.80	ND	ND	ND	ND	ND	ND	ND	4.0	119
03/21/19 01:30 PM	10124	303	1.81	ND	ND	ND	ND	ND	ND	ND	5.9	233
03/21/19 02:00 PM	10569	304	1.83	ND	ND	ND	ND	ND	ND	ND	8.9	198
03/21/19 02:30 PM	11046	305	1.83	ND	ND	0.00298	ND	ND	ND	ND	9.8	183
03/21/19 03:00 PM	10595	292	1.77	ND	ND	ND	ND	ND	ND	ND	9.8	176
03/21/19 03:30 PM	10503	291	1.78	ND	ND	ND	ND	ND	ND	ND	8.9	171
03/21/19 04:00 PM	10689	292	1.78	ND	ND	ND	ND	ND	ND	ND	7.6	166
03/21/19 04:30 PM	10728	293	1.78	ND	ND	ND	ND	ND	ND	ND	7.3	189
03/21/19 05:00 PM	10999	305	1.81	ND	ND	ND	ND	ND	ND	ND	7.1	187
03/21/19 05:30 PM	11080	305	1.81	ND	ND	ND	ND	ND	ND	ND	6.3	178
03/21/19 06:00 PM	11347	302	1.80	ND	ND	ND	ND	ND	ND	ND	8.9	159
03/21/19 06:30 PM	11146	300	1.82	ND	ND	ND	ND	ND	ND	ND	8.4	150
03/21/19 07:00 PM	11438	297	1.80	ND	ND	ND	ND	ND	ND	ND	8.7	149
03/21/19 07:30 PM	11482	290	1.78	ND	ND	ND	ND	ND	ND	ND	7.2	137
03/21/19 08:00 PM	11903	285	1.79	ND	ND	ND	ND	ND	ND	ND	5.7	159
03/21/19 08:30 PM	11878	252	1.78	ND	ND	ND	ND	ND	ND	ND	8.7	182
03/21/19 09:00 PM	10308	205	1.52	ND	ND	ND	ND	ND	ND	ND	7.8	184
03/21/19 09:30 PM	11640	249	1.66	ND	ND	ND	ND	ND	ND	ND	7.5	180
03/21/19 10:00 PM	11827	256	1.69	ND	ND	ND	ND	ND	ND	ND	6.3	171
03/21/19 10:30 PM	11885	257	1.75	ND	ND	ND	ND	ND	ND	ND	3.6	122
03/21/19 11:00 PM	11637	258	1.86	ND	ND	0.00302	ND	ND	ND	ND	2.5	119
03/21/19 11:30 PM	11760	249	1.79	ND	ND	ND	ND	ND	ND	ND	3.0	123
03/21/19 12:00 AM	11842	246	1.67	ND	ND	ND	ND	ND	ND	ND	3.6	144

## Daily Processed Summary (Average, Maximum)

Average	10548	277	1.94	BDL	BDL	0.00006	0.00006	BDL	BDL	BDL	2.8	139
Maximum Value	11903	305	3.01	BDL	BDL	0.00298	0.00302	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/22/19 12:30 AM	12341	251	1.72	ND	ND	ND	ND	ND	ND	ND	4.7	158
03/22/19 01:00 AM	13086	265	1.77	ND	ND	ND	ND	ND	ND	ND	6.6	177
03/22/19 01:30 AM	13020	272	1.76	ND	ND	ND	ND	ND	ND	ND	4.8	160
03/22/19 02:00 AM	12866	261	1.73	ND	ND	ND	ND	ND	ND	ND	4.2	184
03/22/19 02:30 AM	10710	202	1.50	ND	ND	ND	ND	ND	ND	ND	3.1	206
03/22/19 03:00 AM	7991	117	1.19	ND	ND	ND	ND	ND	ND	ND	1.3	225
03/22/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.4	224
03/22/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.3	185
03/22/19 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.8	209
03/22/19 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.3	179
03/22/19 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.5	63
03/22/19 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.8	57
03/22/19 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.9	84
03/22/19 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.5	98
03/22/19 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	99
03/22/19 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.7	87
03/22/19 09:00 AM	9653	174	1.55	ND	ND	ND	ND	ND	ND	ND	2.6	82
03/22/19 09:30 AM	13114	281	1.86	ND	ND	ND	ND	ND	ND	ND	3.0	66
03/22/19 10:00 AM	14161	287	1.87	ND	ND	ND	ND	ND	ND	ND	3.7	61
03/22/19 10:30 AM	14441	291	1.80	ND	ND	ND	ND	ND	ND	ND	5.4	100
03/22/19 11:00 AM	13586	295	1.80	ND	ND	ND	ND	ND	ND	ND	4.9	109
03/22/19 11:30 AM	11815	299	1.79	ND	ND	ND	ND	ND	ND	ND	6.6	121
03/22/19 12:00 PM	10088	301	1.77	ND	ND	ND	ND	ND	ND	ND	8.5	131
03/22/19 12:30 PM	8262	303	1.76	ND	ND	ND	ND	ND	ND	ND	10.2	136
03/22/19 01:00 PM	6848	304	1.77	ND	ND	ND	ND	ND	ND	ND	11.5	135
03/22/19 01:30 PM	7211	303	1.77	ND	ND	ND	ND	ND	ND	ND	14.5	161
03/22/19 02:00 PM	7936	303	1.77	ND	ND	ND	ND	0.00903	ND	ND	13.8	161
03/22/19 02:30 PM	7588	303	1.76	ND	ND	ND	0.00182	ND	ND	ND	14.4	166
03/22/19 03:00 PM	6935	304	1.76	ND	ND	ND	ND	ND	ND	ND	14.6	159
03/22/19 03:30 PM	6806	302	1.76	ND	ND	ND	ND	ND	ND	ND	14.9	148
03/22/19 04:00 PM	7005	302	1.76	ND	ND	ND	ND	ND	ND	ND	14.7	155
03/22/19 04:30 PM	8372	301	1.76	ND	ND	ND	ND	ND	ND	ND	15.3	162
03/22/19 05:00 PM	10066	300	1.76	ND	ND	ND	ND	ND	ND	ND	15.1	156
03/22/19 05:30 PM	10575	295	1.74	ND	ND	ND	ND	ND	ND	ND	15.2	149
03/22/19 06:00 PM	10844	294	1.75	ND	ND	ND	0.00233	ND	ND	ND	14.5	144
03/22/19 06:30 PM	11077	293	1.74	ND	ND	ND	ND	ND	ND	ND	14.5	143
03/22/19 07:00 PM	11542	290	1.73	ND	ND	ND	ND	ND	0.00211	ND	12.1	140
03/22/19 07:30 PM	11607	287	1.74	ND	ND	ND	ND	ND	ND	ND	13.3	143
03/22/19 08:00 PM	11622	284	1.73	ND	ND	ND	ND	ND	ND	ND	9.4	133
03/22/19 08:30 PM	11433	281	1.73	ND	ND	ND	ND	ND	ND	ND	9.5	131
03/22/19 09:00 PM	11533	279	1.72	ND	ND	ND	ND	ND	ND	ND	9.9	135
03/22/19 09:30 PM	11748	277	1.71	ND	ND	ND	ND	ND	ND	ND	8.7	130
03/22/19 10:00 PM	11723	275	1.71	ND	ND	ND	0.00274	ND	ND	ND	8.1	131
03/22/19 10:30 PM	11817	275	1.69	ND	ND	ND	ND	ND	ND	ND	8.2	134
03/22/19 11:00 PM	11993	274	1.68	ND	ND	ND	ND	ND	ND	ND	8.0	135
03/22/19 11:30 PM	12273	274	1.68	ND	ND	ND	ND	ND	ND	ND	8.2	130
03/23/19 12:00 AM	12511	274	1.67	ND	ND	ND	ND	ND	ND	ND	8.1	132

Daily Processed Summary (Average, Maximum)

Average	10708	278	1.72	BDL	BDL	BDL	BDL	0.00019	0.00004	BDL	7.0	143
Maximum Value	14441	304	1.87	BDL	BDL	BDL	BDL	0.00903	0.00211	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/23/19 12:30 AM	12624	273	1.67	ND	ND	ND	ND	ND	ND	ND	7.3	130
03/23/19 01:00 AM	12646	273	1.67	ND	ND	ND	ND	ND	ND	ND	7.7	132
03/23/19 01:30 AM	12672	273	1.67	ND	ND	ND	ND	ND	ND	ND	7.0	132
03/23/19 02:00 AM	12660	272	1.69	ND	ND	ND	ND	ND	ND	ND	6.0	123
03/23/19 02:30 AM	12778	274	1.70	ND	ND	ND	ND	ND	ND	ND	6.4	139
03/23/19 03:00 AM	12866	275	1.69	ND	ND	ND	ND	ND	ND	ND	8.1	132
03/23/19 03:30 AM	13000	275	1.68	ND	ND	ND	ND	ND	ND	ND	8.7	139
03/23/19 04:00 AM	13188	274	1.67	ND	ND	ND	ND	ND	ND	ND	9.2	140
03/23/19 04:30 AM	13316	276	1.68	ND	ND	ND	ND	ND	ND	ND	10.6	145
03/23/19 05:00 AM	13270	279	1.67	ND	ND	ND	ND	ND	ND	ND	12.1	148
03/23/19 05:30 AM	13327	278	1.66	ND	ND	ND	ND	ND	ND	ND	13.1	146
03/23/19 06:00 AM	13461	275	1.66	ND	ND	ND	0.00260	ND	ND	ND	14.2	146
03/23/19 06:30 AM	13545	275	1.66	ND	ND	ND	0.00282	ND	ND	ND	12.7	143
03/23/19 07:00 AM	13667	274	1.66	ND	ND	ND	ND	ND	ND	ND	11.1	141
03/23/19 07:30 AM	13767	274	1.66	ND	ND	ND	ND	ND	ND	ND	10.5	140
03/23/19 08:00 AM	13941	272	1.66	ND	ND	ND	ND	ND	ND	ND	8.8	131
03/23/19 08:30 AM	14091	270	1.66	ND	ND	ND	ND	ND	ND	ND	8.7	124
03/23/19 09:00 AM	14093	270	1.66	ND	ND	ND	ND	ND	ND	ND	7.4	118
03/23/19 09:30 AM	14249	271	1.65	ND	ND	ND	ND	ND	ND	ND	8.8	123
03/23/19 10:00 AM	14248	272	1.65	ND	ND	ND	ND	ND	ND	ND	9.7	129
03/23/19 10:30 AM	14250	275	1.67	ND	ND	ND	ND	ND	ND	ND	9.5	130
03/23/19 11:00 AM	14213	276	1.66	ND	ND	ND	ND	ND	ND	ND	10.8	132
03/23/19 11:30 AM	14221	277	1.66	ND	ND	ND	0.00302	ND	ND	ND	12.8	139
03/23/19 12:00 PM	14322	282	1.67	ND	ND	ND	ND	ND	ND	ND	15.5	140
03/23/19 12:30 PM	14437	283	1.67	ND	ND	ND	ND	ND	ND	ND	15.8	139
03/23/19 01:00 PM	14418	283	1.68	ND	ND	ND	ND	ND	ND	ND	16.6	145
03/23/19 01:30 PM	14456	283	1.67	ND	ND	ND	ND	ND	ND	ND	16.5	140
03/23/19 02:00 PM	14437	281	1.67	ND	ND	ND	ND	ND	ND	ND	17.2	145
03/23/19 02:30 PM	14570	283	1.66	ND	ND	ND	ND	ND	ND	ND	16.9	141
03/23/19 03:00 PM	14506	282	1.67	ND	ND	ND	ND	ND	ND	ND	16.2	134
03/23/19 03:30 PM	14521	280	1.65	ND	ND	ND	ND	ND	ND	ND	16.9	139
03/23/19 04:00 PM	14431	280	1.66	ND	ND	ND	ND	ND	ND	ND	17.9	140
03/23/19 04:30 PM	14447	280	1.66	ND	ND	ND	ND	ND	ND	ND	15.9	139
03/23/19 05:00 PM	14257	275	1.65	ND	ND	ND	ND	ND	ND	ND	16.7	139
03/23/19 05:30 PM	14205	272	1.65	ND	ND	ND	ND	ND	ND	ND	16.1	134
03/23/19 06:00 PM	14150	271	1.64	ND	ND	ND	ND	0.00236	ND	ND	14.7	135
03/23/19 06:30 PM	14163	270	1.64	ND	ND	ND	ND	ND	ND	ND	14.7	133
03/23/19 07:00 PM	14215	268	1.64	ND	ND	ND	ND	ND	ND	ND	12.6	131
03/23/19 07:30 PM	14204	266	1.64	ND	ND	ND	ND	ND	ND	ND	12.4	131
03/23/19 08:00 PM	14168	265	1.64	ND	ND	ND	ND	ND	ND	ND	12.7	134
03/23/19 08:30 PM	14152	263	1.64	0.02267	ND	ND	ND	ND	ND	ND	12.4	133
03/23/19 09:00 PM	14103	260	1.62	ND	ND	ND	ND	ND	ND	ND	14.5	133
03/23/19 09:30 PM	14137	258	1.61	ND	ND	ND	ND	ND	ND	ND	13.5	135
03/23/19 10:00 PM	14215	258	1.61	ND	ND	ND	ND	ND	ND	ND	12.1	135
03/23/19 10:30 PM	14303	256	1.61	ND	ND	ND	ND	ND	ND	ND	11.4	134
03/23/19 11:00 PM	14390	255	1.61	ND	ND	ND	ND	ND	ND	ND	9.8	133
03/23/19 11:30 PM	14454	254	1.61	ND	ND	ND	ND	ND	ND	ND	9.2	132
03/24/19 12:00 AM	14519	253	1.60	ND	ND	ND	ND	ND	ND	ND	8.7	135

Daily Processed Summary (Average, Maximum)												
Average	13922	272	1.65	0.00047	BDL	BDL	0.00018	BDL	0.00005	BDL	12.0	137
Maximum Value	14570	283	1.70	0.02267	BDL	BDL	0.00302	BDL	0.00236	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/24/19 12:30 AM	14644	252	1.60	ND	ND	ND	ND	ND	ND	ND	8.1	134
03/24/19 01:00 AM	14486	249	1.58	ND	ND	ND	ND	ND	ND	ND	6.6	118
03/24/19 01:30 AM	14315	243	1.59	ND	ND	ND	ND	ND	ND	ND	8.0	126
03/24/19 02:00 AM	14260	239	1.56	ND	ND	ND	ND	ND	ND	ND	8.3	129
03/24/19 02:30 AM	14180	235	1.56	ND	ND	ND	ND	ND	ND	ND	7.2	128
03/24/19 03:00 AM	14261	229	1.55	ND	ND	ND	ND	ND	ND	ND	7.6	133
03/24/19 03:30 AM	14293	230	1.56	ND	ND	ND	ND	ND	ND	ND	4.7	159
03/24/19 04:00 AM	14073	235	1.64	ND	ND	ND	ND	ND	ND	ND	2.8	47
03/24/19 04:30 AM	13882	226	1.74	ND	ND	ND	ND	ND	ND	ND	2.5	101
03/24/19 05:00 AM	13579	218	1.61	ND	ND	ND	ND	ND	ND	ND	3.4	103
03/24/19 05:30 AM	13326	216	1.57	ND	ND	ND	ND	ND	ND	ND	2.1	55
03/24/19 06:00 AM	12753	202	1.54	ND	ND	ND	ND	ND	ND	ND	2.3	71
03/24/19 06:30 AM	12082	182	1.49	ND	ND	ND	ND	ND	ND	ND	1.7	109
03/24/19 07:00 AM	10755	LS	LS	ND	ND	ND	ND	ND	ND	ND	3.0	66
03/24/19 07:30 AM	10196	LS	LS	ND	ND	ND	ND	ND	ND	ND	2.8	76
03/24/19 08:00 AM	10319	LS	LS	ND	ND	ND	ND	ND	ND	ND	3.0	85
03/24/19 08:30 AM	10944	LS	LS	ND	ND	ND	ND	ND	ND	ND	4.4	118
03/24/19 09:00 AM	15209	259	1.68	ND	ND	ND	ND	ND	ND	ND	6.6	118
03/24/19 09:30 AM	16205	274	1.67	ND	ND	ND	ND	ND	ND	ND	9.0	145
03/24/19 10:00 AM	16636	280	1.68	ND	ND	ND	ND	ND	ND	ND	12.5	155
03/24/19 10:30 AM	16781	281	1.68	ND	ND	ND	ND	ND	ND	ND	13.1	158
03/24/19 11:00 AM	16653	273	1.65	ND	ND	ND	ND	ND	ND	ND	12.1	177
03/24/19 11:30 AM	16580	272	1.64	ND	ND	ND	0.00238	ND	ND	ND	11.7	179
03/24/19 12:00 PM	16795	275	1.65	ND	ND	ND	0.00314	ND	ND	ND	12.7	161
03/24/19 12:30 PM	16835	277	1.66	ND	ND	ND	ND	ND	ND	ND	13.1	158
03/24/19 01:00 PM	16899	276	1.66	ND	ND	ND	ND	ND	ND	ND	14.0	157
03/24/19 01:30 PM	16779	276	1.64	ND	ND	ND	ND	ND	ND	ND	15.1	165
03/24/19 02:00 PM	16880	277	1.65	ND	ND	ND	ND	ND	ND	ND	15.2	157
03/24/19 02:30 PM	16834	277	1.67	ND	ND	ND	ND	ND	ND	ND	15.8	157
03/24/19 03:00 PM	16801	276	1.66	ND	ND	ND	ND	ND	ND	ND	13.7	159
03/24/19 03:30 PM	16821	275	1.67	ND	ND	ND	ND	ND	ND	ND	13.5	155
03/24/19 04:00 PM	16835	272	1.64	ND	ND	ND	ND	ND	ND	ND	12.9	157
03/24/19 04:30 PM	16771	267	1.63	ND	ND	ND	ND	ND	ND	ND	13.4	150
03/24/19 05:00 PM	16945	270	1.64	ND	ND	ND	ND	ND	ND	ND	12.8	159
03/24/19 05:30 PM	16862	273	1.64	ND	ND	ND	ND	ND	ND	ND	14.4	163
03/24/19 06:00 PM	16936	273	1.65	ND	ND	ND	ND	ND	ND	ND	14.1	161
03/24/19 06:30 PM	16918	271	1.64	ND	ND	ND	ND	ND	ND	ND	13.8	159
03/24/19 07:00 PM	16792	268	1.64	ND	ND	ND	ND	ND	ND	ND	12.9	155
03/24/19 07:30 PM	16706	263	1.62	ND	ND	ND	0.00459	ND	ND	ND	12.1	153
03/24/19 08:00 PM	16670	261	1.62	ND	ND	ND	ND	ND	ND	ND	12.7	167
03/24/19 08:30 PM	16579	259	1.61	ND	ND	ND	ND	ND	ND	ND	12.1	170
03/24/19 09:00 PM	16366	257	1.59	ND	ND	ND	ND	ND	ND	ND	12.4	176
03/24/19 09:30 PM	16299	257	1.59	ND	ND	ND	ND	ND	ND	ND	12.2	176
03/24/19 10:00 PM	16319	257	1.60	ND	ND	ND	ND	ND	ND	ND	13.1	176
03/24/19 10:30 PM	16359	256	1.58	ND	ND	ND	ND	ND	ND	ND	11.3	179
03/24/19 11:00 PM	16311	253	1.58	ND	ND	ND	ND	ND	ND	ND	12.6	179
03/24/19 11:30 PM	16117	248	1.57	ND	ND	ND	ND	ND	ND	ND	11.7	177
03/25/19 12:00 AM	16117	243	1.56	ND	ND	ND	ND	ND	ND	ND	12.7	174

Daily Processed Summary (Average, Maximum)

Average	15353	256	1.62	BDL	BDL	BDL	0.00021	BDL	BDL	BDL	9.1	156
Maximum Value	16945	281	1.74	BDL	BDL	BDL	0.00459	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/25/19 12:30 AM	16253	239	1.56	ND	ND	ND	ND	ND	ND	ND	16.2	173
03/25/19 01:00 AM	16193	237	1.54	ND	ND	ND	ND	ND	ND	ND	15.0	173
03/25/19 01:30 AM	15950	234	1.54	ND	ND	ND	ND	ND	ND	ND	11.0	176
03/25/19 02:00 AM	15882	233	1.53	ND	ND	ND	ND	ND	ND	ND	9.0	182
03/25/19 02:30 AM	15519	224	1.50	ND	ND	ND	ND	ND	ND	ND	8.0	186
03/25/19 03:00 AM	15127	214	1.49	ND	ND	ND	ND	ND	ND	ND	5.8	194
03/25/19 03:30 AM	14346	196	1.42	ND	ND	ND	ND	ND	ND	ND	5.2	190
03/25/19 04:00 AM	13417	173	1.39	ND	ND	ND	ND	ND	ND	ND	4.4	189
03/25/19 04:30 AM	12946	159	1.34	ND	ND	ND	ND	ND	ND	ND	4.6	190
03/25/19 05:00 AM	11983	LS	LS	ND	ND	ND	ND	ND	ND	ND	3.8	192
03/25/19 05:30 AM	11007	LS	LS	ND	ND	ND	ND	ND	ND	ND	3.3	194
03/25/19 06:00 AM	10459	LS	LS	ND	ND	ND	ND	ND	ND	ND	3.4	190
03/25/19 06:30 AM	LS	LS	LS	ND	ND	ND	ND	ND	ND	ND	5.4	188
03/25/19 07:00 AM	LS	LS	LS	ND	ND	ND	ND	ND	ND	ND	7.8	181
03/25/19 07:30 AM	LS	LS	LS	ND	ND	ND	ND	ND	ND	ND	8.5	180
03/25/19 08:00 AM	11168	LS	LS	ND	ND	ND	ND	ND	ND	ND	9.0	181
03/25/19 08:30 AM	16196	238	1.55	ND	ND	ND	ND	ND	ND	ND	5.8	328
03/25/19 09:00 AM	17189	261	1.60	ND	ND	ND	ND	ND	ND	ND	4.1	297
03/25/19 09:30 AM	17523	268	1.62	ND	ND	ND	ND	ND	ND	ND	4.2	271
03/25/19 10:00 AM	17821	272	1.65	ND	ND	ND	ND	ND	ND	ND	4.6	205
03/25/19 10:30 AM	17891	273	1.66	ND	ND	ND	ND	ND	ND	ND	5.9	164
03/25/19 11:00 AM	18141	276	1.66	ND	ND	ND	0.00368	ND	ND	ND	6.1	142
03/25/19 11:30 AM	17816	278	1.66	ND	ND	ND	ND	ND	ND	ND	6.0	142
03/25/19 12:00 PM	17478	278	1.66	ND	ND	ND	ND	ND	ND	ND	7.0	178
03/25/19 12:30 PM	17215	276	1.66	ND	ND	ND	ND	ND	ND	ND	7.9	188
03/25/19 01:00 PM	16987	279	1.66	ND	ND	ND	ND	ND	ND	ND	8.7	160
03/25/19 01:30 PM	16845	281	1.67	ND	ND	ND	ND	ND	ND	ND	9.1	165
03/25/19 02:00 PM	17062	282	1.66	ND	ND	ND	ND	ND	ND	ND	8.1	183
03/25/19 02:30 PM	17257	283	1.67	ND	ND	ND	ND	ND	ND	ND	7.7	187
03/25/19 03:00 PM	17606	283	1.67	ND	ND	ND	ND	ND	ND	ND	7.0	178
03/25/19 03:30 PM	17491	286	1.67	ND	ND	ND	ND	ND	ND	ND	7.9	171
03/25/19 04:00 PM	17291	285	1.66	ND	ND	ND	ND	ND	ND	ND	6.0	142
03/25/19 04:30 PM	17444	284	1.66	ND	ND	ND	ND	ND	ND	ND	7.8	186
03/25/19 05:00 PM	17284	285	1.66	ND	ND	ND	ND	ND	ND	ND	7.9	188
03/25/19 05:30 PM	17238	283	1.66	ND	ND	ND	ND	ND	ND	ND	8.7	160
03/25/19 06:00 PM	17265	284	1.66	ND	ND	ND	ND	ND	ND	ND	9.1	165
03/25/19 06:30 PM	17461	283	1.67	ND	ND	ND	ND	ND	ND	ND	8.1	183
03/25/19 07:00 PM	17548	279	1.67	ND	ND	ND	ND	ND	ND	ND	7.7	187
03/25/19 07:30 PM	17137	273	1.64	ND	ND	ND	ND	ND	ND	ND	7.0	178
03/25/19 08:00 PM	16958	268	1.63	ND	ND	ND	ND	ND	ND	ND	7.3	186
03/25/19 08:30 PM	17034	264	1.64	ND	ND	ND	ND	ND	ND	ND	7.4	185
03/25/19 09:00 PM	17060	258	1.62	ND	ND	ND	ND	ND	ND	ND	4.2	194
03/25/19 09:30 PM	16984	248	1.57	ND	ND	ND	ND	ND	ND	ND	2.1	156
03/25/19 10:00 PM	16862	241	1.56	ND	ND	ND	ND	ND	ND	ND	2.2	94
03/25/19 10:30 PM	16680	237	1.65	ND	ND	ND	ND	ND	ND	ND	2.0	283
03/25/19 11:00 PM	16212	235	2.01	ND	ND	ND	ND	ND	ND	ND	2.6	288
03/25/19 11:30 PM	15716	220	1.79	ND	ND	ND	ND	ND	ND	ND		
03/26/19 12:00 AM	14597	188	1.76	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	16168	255	1.62	BDL	BDL	BDL	0.00008	BDL	BDL	BDL	5.0	186
Maximum Value	18141	286	2.01	BDL	BDL	BDL	0.00368	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/26/19 12:30 AM	12674	LS	LS	ND	ND	ND	ND	ND	ND	ND	2.9	321
03/26/19 01:00 AM	10531	LS	LS	ND	ND	ND	ND	ND	ND	ND	3.6	329
03/26/19 01:30 AM	12788	202	1.54	ND	ND	ND	ND	ND	ND	ND	4.6	179
03/26/19 02:00 AM	13430	258	1.75	ND	ND	ND	ND	ND	ND	ND	4.9	179
03/26/19 02:30 AM	11504	262	1.75	ND	ND	ND	ND	ND	ND	ND	6.7	8
03/26/19 03:00 AM	10396	262	1.74	ND	ND	ND	ND	ND	ND	ND	6.6	63
03/26/19 03:30 AM	10046	262	1.75	ND	ND	ND	ND	ND	ND	ND	6.7	18
03/26/19 04:00 AM	9896	259	1.83	ND	ND	ND	ND	ND	ND	ND	7.4	26
03/26/19 04:30 AM	9641	259	1.77	ND	ND	ND	ND	ND	ND	ND	9.6	31
03/26/19 05:00 AM	9342	261	1.70	ND	ND	ND	ND	ND	ND	ND	9.7	37
03/26/19 05:30 AM	9125	262	1.70	ND	ND	ND	ND	ND	ND	ND	9.2	38
03/26/19 06:00 AM	9008	261	1.71	ND	ND	ND	ND	ND	ND	ND	9.0	38
03/26/19 06:30 AM	8960	260	1.70	ND	ND	ND	ND	ND	ND	ND	9.9	38
03/26/19 07:00 AM	8942	260	1.70	ND	ND	ND	ND	ND	ND	ND	8.0	38
03/26/19 07:30 AM	9005	259	1.71	ND	ND	ND	ND	ND	ND	ND	7.2	44
03/26/19 08:00 AM	9070	258	1.72	ND	ND	ND	ND	ND	ND	ND	7.2	43
03/26/19 08:30 AM	9205	262	1.74	ND	ND	ND	ND	ND	ND	ND	8.6	52
03/26/19 09:00 AM	9419	269	1.80	ND	ND	ND	ND	ND	ND	ND	10.8	59
03/26/19 09:30 AM	9507	271	1.78	ND	ND	ND	ND	ND	ND	ND	12.6	71
03/26/19 10:00 AM	9568	273	1.77	ND	ND	ND	ND	ND	ND	ND	11.9	80
03/26/19 10:30 AM	9677	274	1.75	ND	ND	ND	ND	ND	ND	ND	12.2	75
03/26/19 11:00 AM	9617	277	1.75	ND	ND	ND	ND	ND	ND	ND	12.7	74
03/26/19 11:30 AM	9679	278	1.75	ND	ND	ND	ND	ND	ND	ND	10.6	77
03/26/19 12:00 PM	9653	280	1.75	ND	ND	ND	ND	ND	ND	ND	10.2	73
03/26/19 12:30 PM	9483	281	1.74	ND	ND	ND	0.00366	ND	ND	ND	9.4	61
03/26/19 01:00 PM	9533	283	1.75	ND	ND	ND	ND	ND	0.00227	ND	8.6	68
03/26/19 01:30 PM	9436	282	1.74	ND	ND	ND	0.00242	ND	ND	ND	9.3	46
03/26/19 02:00 PM	9086	282	1.74	ND	ND	ND	ND	ND	ND	ND	8.7	58
03/26/19 02:30 PM	9003	283	1.73	ND	ND	ND	ND	ND	ND	ND	8.4	46
03/26/19 03:00 PM	8851	283	1.72	ND	ND	ND	ND	ND	ND	ND	6.7	60
03/26/19 03:30 PM	8773	284	1.74	ND	ND	ND	ND	ND	ND	ND	7.5	57
03/26/19 04:00 PM	8953	285	1.74	ND	ND	ND	ND	ND	ND	ND	7.1	69
03/26/19 04:30 PM	11696	282	1.73	ND	ND	ND	ND	ND	ND	ND	10.6	127
03/26/19 05:00 PM	11926	279	1.72	ND	ND	ND	ND	ND	ND	ND	9.5	124
03/26/19 05:30 PM	12164	274	1.70	ND	ND	ND	ND	ND	ND	ND	10.0	126
03/26/19 06:00 PM	12199	274	1.70	ND	ND	ND	ND	ND	ND	ND	9.3	130
03/26/19 06:30 PM	12693	275	1.72	ND	ND	ND	ND	ND	ND	ND	11.2	147
03/26/19 07:00 PM	12481	268	1.73	ND	ND	ND	ND	ND	ND	ND	10.6	140
03/26/19 07:30 PM	12296	263	1.70	ND	ND	ND	ND	ND	ND	ND	10.6	136
03/26/19 08:00 PM	12146	259	1.68	ND	ND	ND	ND	ND	ND	ND	9.8	137
03/26/19 08:30 PM	11974	256	1.68	ND	ND	ND	ND	ND	ND	ND	7.9	134
03/26/19 09:00 PM	11914	253	1.65	ND	ND	ND	ND	ND	ND	ND	6.8	131
03/26/19 09:30 PM	11678	253	1.65	ND	ND	ND	ND	ND	ND	ND	6.9	129
03/26/19 10:00 PM	11617	252	1.66	ND	ND	ND	ND	ND	ND	ND	6.3	126
03/26/19 10:30 PM	11471	251	1.67	ND	ND	ND	ND	ND	ND	ND	5.6	129
03/26/19 11:00 PM	11548	251	1.67	ND	ND	ND	ND	ND	ND	ND	4.1	132
03/26/19 11:30 PM	11517	250	1.73	ND	ND	ND	ND	ND	ND	ND	1.4	186
03/27/19 12:00 AM	11491	250	1.76	ND	ND	ND	ND	ND	ND	ND	2.8	134

Daily Processed Summary (Average, Maximum)

Average	10513	266	1.72	BDL	BDL	BDL	0.00013	BDL	0.00005	BDL	5.9	79
Maximum Value	13430	285	1.83	BDL	BDL	BDL	0.00366	BDL	0.00227	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/27/19 12:30 AM	11308	250	1.89	ND	ND	ND	ND	ND	ND	ND	2.9	115
03/27/19 01:00 AM	11143	249	1.83	ND	ND	ND	ND	ND	ND	ND	2.2	77
03/27/19 01:30 AM	11077	247	1.89	ND	ND	ND	ND	ND	ND	ND	1.8	104
03/27/19 02:00 AM	10952	246	1.94	ND	ND	ND	0.00378	ND	ND	ND	2.3	91
03/27/19 02:30 AM	10894	245	1.90	ND	ND	ND	ND	ND	ND	ND	2.8	74
03/27/19 03:00 AM	10445	244	1.95	ND	ND	ND	ND	ND	ND	ND	3.1	46
03/27/19 03:30 AM	9921	224	1.77	ND	ND	ND	ND	ND	ND	ND	4.6	48
03/27/19 04:00 AM	9371	195	1.64	ND	ND	ND	ND	ND	ND	ND	5.5	50
03/27/19 04:30 AM	8705	174	1.53	ND	ND	ND	ND	ND	ND	ND	5.2	61
03/27/19 05:00 AM	8231	160	1.46	ND	ND	ND	ND	ND	ND	ND	5.4	64
03/27/19 05:30 AM	8001	151	1.42	ND	ND	ND	ND	ND	ND	ND	4.9	61
03/27/19 06:00 AM	7705	148	1.40	ND	ND	ND	ND	ND	ND	ND	4.2	53
03/27/19 06:30 AM	7553	143	1.38	ND	ND	ND	ND	ND	ND	ND	4.6	57
03/27/19 07:00 AM	7102	127	1.28	ND	ND	ND	ND	ND	ND	ND	4.7	59
03/27/19 07:30 AM	6212	102	1.13	ND	ND	ND	ND	ND	ND	ND	4.7	68
03/27/19 08:00 AM	7113	134	1.32	ND	ND	ND	ND	ND	ND	ND	3.7	47
03/27/19 08:30 AM	10348	251	1.81	ND	ND	ND	ND	ND	ND	ND	4.3	51
03/27/19 09:00 AM	11189	261	1.81	ND	ND	ND	ND	ND	ND	ND	5.6	76
03/27/19 09:30 AM	12387	266	1.84	ND	ND	ND	ND	ND	ND	ND	5.8	87
03/27/19 10:00 AM	12905	272	1.81	ND	ND	ND	ND	ND	ND	ND	7.0	89
03/27/19 10:30 AM	12719	273	1.78	ND	ND	ND	ND	ND	ND	ND	8.0	102
03/27/19 11:00 AM	12223	273	1.73	ND	ND	ND	ND	ND	ND	ND	9.1	116
03/27/19 11:30 AM	12179	273	1.71	ND	ND	ND	ND	ND	ND	ND	10.5	114
03/27/19 12:00 PM	12107	270	1.68	ND	ND	ND	ND	ND	ND	ND	11.3	123
03/27/19 12:30 PM	11497	271	1.67	ND	ND	ND	ND	ND	ND	ND	11.8	134
03/27/19 01:00 PM	11362	272	1.69	ND	ND	ND	0.00310	ND	ND	ND	11.4	135
03/27/19 01:30 PM	11555	273	1.68	ND	ND	ND	0.00851	ND	ND	ND	11.6	131
03/27/19 02:00 PM	11566	273	1.69	ND	ND	ND	0.00607	ND	ND	ND	11.9	129
03/27/19 02:30 PM	11528	272	1.67	ND	ND	ND	ND	ND	ND	ND	12.6	125
03/27/19 03:00 PM	11515	271	1.67	ND	ND	ND	ND	ND	ND	ND	13.2	126
03/27/19 03:30 PM	11514	270	1.67	ND	ND	ND	ND	ND	ND	ND	14.2	128
03/27/19 04:00 PM	11413	270	1.67	ND	ND	ND	ND	ND	ND	ND	13.4	126
03/27/19 04:30 PM	11239	270	1.67	ND	ND	ND	ND	ND	ND	ND	12.7	129
03/27/19 05:00 PM	10986	269	1.66	ND	ND	ND	ND	ND	ND	ND	13.0	128
03/27/19 05:30 PM	10689	264	1.65	ND	ND	ND	ND	ND	ND	ND	13.7	128
03/27/19 06:00 PM	10496	265	1.65	ND	ND	ND	ND	ND	ND	ND	13.5	125
03/27/19 06:30 PM	10269	266	1.67	ND	ND	ND	ND	ND	ND	ND	12.1	121
03/27/19 07:00 PM	10148	264	1.66	ND	ND	ND	ND	ND	ND	ND	10.9	126
03/27/19 07:30 PM	9991	260	1.66	ND	ND	ND	ND	ND	ND	ND	8.3	123
03/27/19 08:00 PM	9866	255	1.70	ND	ND	ND	ND	ND	ND	ND	6.8	122
03/27/19 08:30 PM	9870	251	1.70	ND	ND	ND	ND	ND	ND	ND	4.8	110
03/27/19 09:00 PM	9792	248	1.79	ND	ND	ND	ND	ND	ND	ND	4.5	114
03/27/19 09:30 PM	9609	247	1.80	ND	ND	ND	ND	ND	ND	ND	5.6	113
03/27/19 10:00 PM	9777	245	1.71	ND	ND	ND	ND	ND	ND	ND	5.9	108
03/27/19 10:30 PM	10030	243	1.74	ND	ND	ND	ND	ND	ND	ND	6.5	123
03/27/19 11:00 PM	10291	243	1.62	ND	ND	ND	ND	ND	ND	ND	6.6	126
03/27/19 11:30 PM	10605	243	1.62	ND	ND	ND	0.00336	ND	ND	ND	4.8	119
03/28/19 12:00 AM	10583	244	1.68	ND	ND	ND	ND	ND	ND	ND	4.8	119

Daily Processed Summary (Average, Maximum)

Average	10375	238	1.67	BDL	BDL	BDL	0.00052	BDL	BDL	BDL	6.8	112
Maximum Value	12905	273	1.95	BDL	BDL	BDL	0.00851	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/28/19 12:30 AM	10528	243	1.77	ND	ND	ND	ND	ND	ND	ND	4.7	115
03/28/19 01:00 AM	10627	242	1.63	ND	ND	ND	ND	ND	ND	ND	6.0	126
03/28/19 01:30 AM	10852	243	1.60	ND	ND	ND	ND	ND	ND	ND	6.4	126
03/28/19 02:00 AM	10950	243	1.60	ND	ND	ND	ND	ND	ND	ND	6.4	126
03/28/19 02:30 AM	10974	243	1.61	ND	ND	ND	ND	ND	ND	ND	5.4	118
03/28/19 03:00 AM	10900	242	1.59	ND	ND	ND	ND	ND	ND	ND	5.7	123
03/28/19 03:30 AM	10902	243	1.60	ND	ND	ND	0.00408	ND	ND	ND	6.6	126
03/28/19 04:00 AM	11156	243	1.60	ND	ND	ND	ND	ND	ND	ND	8.3	135
03/28/19 04:30 AM	11561	245	1.59	ND	ND	ND	ND	ND	ND	ND	8.9	135
03/28/19 05:00 AM	11746	245	1.59	ND	ND	ND	ND	ND	ND	ND	9.9	140
03/28/19 05:30 AM	11970	246	1.61	ND	ND	ND	ND	ND	ND	ND	13.2	142
03/28/19 06:00 AM	11994	246	1.62	ND	ND	ND	ND	ND	ND	ND	11.3	143
03/28/19 06:30 AM	12115	245	1.62	ND	ND	ND	ND	ND	ND	ND	12.0	141
03/28/19 07:00 AM	12130	246	1.63	ND	ND	ND	ND	ND	ND	ND	12.6	147
03/28/19 07:30 AM	12129	246	1.62	ND	ND	ND	ND	ND	ND	ND	13.9	144
03/28/19 08:00 AM	12221	246	1.61	ND	ND	ND	ND	ND	ND	ND	13.0	146
03/28/19 08:30 AM	12327	247	1.61	ND	ND	ND	ND	ND	ND	ND	13.6	144
03/28/19 09:00 AM	12443	249	1.62	ND	ND	ND	ND	ND	ND	ND	13.2	144
03/28/19 09:30 AM	12457	255	1.64	ND	ND	ND	ND	ND	ND	ND	13.0	155
03/28/19 10:00 AM	12381	258	1.65	ND	ND	ND	ND	ND	ND	ND	12.4	153
03/28/19 10:30 AM	12576	259	1.65	ND	ND	ND	ND	ND	ND	ND	13.8	153
03/28/19 11:00 AM	12784	260	1.64	ND	ND	ND	ND	ND	ND	ND	14.3	154
03/28/19 11:30 AM	12978	260	1.64	ND	ND	ND	ND	ND	ND	ND	14.2	152
03/28/19 12:00 PM	13100	262	1.64	ND	ND	ND	ND	ND	ND	ND	15.2	156
03/28/19 12:30 PM	13121	262	1.65	ND	ND	ND	ND	ND	ND	ND	15.3	152
03/28/19 01:00 PM	13231	261	1.64	ND	ND	ND	ND	ND	ND	ND	15.4	151
03/28/19 01:30 PM	13158	261	1.64	ND	ND	ND	ND	ND	ND	ND	16.8	153
03/28/19 02:00 PM	13137	261	1.65	ND	ND	ND	ND	ND	ND	ND	16.7	152
03/28/19 02:30 PM	12789	258	1.63	ND	ND	ND	ND	ND	ND	ND	15.8	153
03/28/19 03:00 PM	12893	256	1.63	ND	ND	ND	ND	ND	ND	ND	15.9	150
03/28/19 03:30 PM	13123	257	1.63	ND	ND	ND	ND	ND	ND	ND	15.2	143
03/28/19 04:00 PM	13175	258	1.64	ND	ND	ND	ND	ND	ND	ND	16.2	152
03/28/19 04:30 PM	12778	257	1.63	ND	ND	ND	ND	ND	ND	ND	17.9	146
03/28/19 05:00 PM	12550	254	1.62	ND	ND	ND	ND	ND	ND	ND	18.1	146
03/28/19 05:30 PM	12941	249	1.61	ND	ND	ND	ND	ND	ND	ND	15.9	145
03/28/19 06:00 PM	12961	249	1.61	ND	ND	ND	ND	ND	ND	ND	16.1	138
03/28/19 06:30 PM	12847	250	1.61	ND	ND	ND	ND	ND	ND	ND	16.0	141
03/28/19 07:00 PM	12926	249	1.61	ND	ND	ND	ND	ND	ND	ND	14.5	138
03/28/19 07:30 PM	13046	244	1.59	ND	ND	ND	ND	ND	ND	ND	11.2	133
03/28/19 08:00 PM	12947	239	1.58	ND	ND	ND	ND	ND	ND	ND	9.0	127
03/28/19 08:30 PM	12886	236	1.58	ND	ND	ND	ND	ND	ND	ND	8.7	130
03/28/19 09:00 PM	12831	234	1.58	ND	ND	ND	ND	ND	ND	ND	10.2	133
03/28/19 09:30 PM	12854	233	1.57	ND	ND	ND	ND	ND	ND	ND	9.2	129
03/28/19 10:00 PM	12644	233	1.56	ND	ND	ND	ND	ND	ND	ND	10.0	134
03/28/19 10:30 PM	12630	234	1.55	ND	ND	ND	ND	ND	ND	ND	9.9	132
03/28/19 11:00 PM	12889	233	1.56	ND	ND	ND	ND	ND	ND	ND	11.5	137
03/28/19 11:30 PM	13057	233	1.56	ND	ND	ND	ND	ND	ND	ND	9.9	132
03/29/19 12:00 AM	13199	230	1.55	ND	ND	ND	ND	ND	ND	ND	6.6	127

Daily Processed Summary (Average, Maximum)

Average	12384	248	1.61	BDL	BDL	BDL	0.00009	BDL	BDL	BDL	11.8	143
Maximum Value	13231	262	1.77	BDL	BDL	BDL	0.00408	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
 Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/29/19 12:30 AM	13201	228	1.54	ND	ND	ND	ND	ND	ND	ND	7.0	133
03/29/19 01:00 AM	13492	226	1.53	ND	ND	ND	ND	ND	ND	ND	8.3	137
03/29/19 01:30 AM	13818	225	1.54	ND	ND	ND	ND	ND	ND	ND	9.3	147
03/29/19 02:00 AM	14093	228	1.55	ND	ND	ND	ND	ND	ND	ND	10.9	158
03/29/19 02:30 AM	13955	227	1.54	ND	ND	ND	ND	ND	ND	ND	12.5	139
03/29/19 03:00 AM	13839	226	1.53	ND	ND	ND	ND	ND	ND	ND	12.6	145
03/29/19 03:30 AM	13888	229	1.54	ND	ND	ND	ND	ND	ND	ND	9.8	141
03/29/19 04:00 AM	13755	227	1.54	ND	ND	ND	ND	ND	ND	ND	9.4	136
03/29/19 04:30 AM	13828	227	1.53	ND	ND	ND	ND	ND	ND	ND	9.7	139
03/29/19 05:00 AM	13985	228	1.54	ND	ND	ND	ND	ND	ND	ND	11.4	144
03/29/19 05:30 AM	14005	229	1.54	ND	ND	ND	ND	ND	ND	ND	15.4	145
03/29/19 06:00 AM	14094	227	1.55	ND	ND	ND	ND	ND	ND	ND	13.8	147
03/29/19 06:30 AM	14119	225	1.53	ND	ND	ND	ND	ND	ND	ND	11.2	148
03/29/19 07:00 AM	14259	226	1.54	ND	ND	ND	ND	ND	ND	ND	11.5	146
03/29/19 07:30 AM	14229	227	1.54	ND	ND	ND	ND	ND	ND	ND	8.6	136
03/29/19 08:00 AM	14170	228	1.54	ND	ND	ND	ND	ND	ND	ND	8.7	133
03/29/19 08:30 AM	14484	236	1.57	ND	ND	ND	ND	ND	ND	ND	11.2	142
03/29/19 09:00 AM	14720	238	1.57	ND	ND	ND	ND	ND	ND	ND	12.8	150
03/29/19 09:30 AM	15019	243	1.59	ND	ND	ND	ND	ND	ND	ND	13.1	148
03/29/19 10:00 AM	15171	248	1.61	ND	ND	ND	ND	ND	ND	ND	12.5	150
03/29/19 10:30 AM	15298	248	1.61	ND	ND	ND	ND	ND	ND	ND	13.3	151
03/29/19 11:00 AM	14797	247	1.61	ND	ND	ND	ND	ND	ND	ND	13.2	155
03/29/19 11:30 AM	14650	236	1.58	ND	ND	ND	ND	ND	ND	ND	15.0	156
03/29/19 12:00 PM	14350	234	1.56	ND	ND	ND	ND	ND	ND	ND	15.1	155
03/29/19 12:30 PM	14478	234	1.56	ND	ND	ND	ND	ND	ND	ND	15.1	158
03/29/19 01:00 PM	14504	234	1.56	ND	ND	ND	ND	ND	ND	ND	15.1	155
03/29/19 01:30 PM	14522	236	1.57	ND	ND	ND	ND	ND	ND	ND	15.8	162
03/29/19 02:00 PM	14655	236	1.57	ND	ND	ND	ND	ND	ND	ND	17.5	159
03/29/19 02:30 PM	14770	248	1.60	ND	ND	ND	ND	ND	ND	ND	16.7	156
03/29/19 03:00 PM	14739	252	1.62	ND	ND	ND	ND	ND	ND	ND	16.7	151
03/29/19 03:30 PM	14825	251	1.61	ND	ND	ND	ND	ND	ND	ND	17.3	149
03/29/19 04:00 PM	14938	250	1.61	ND	ND	ND	ND	ND	ND	ND	15.1	149
03/29/19 04:30 PM	14832	250	1.60	ND	ND	ND	0.00577	ND	ND	ND	15.0	150
03/29/19 05:00 PM	14759	247	1.59	ND	ND	ND	ND	ND	ND	ND	14.0	139
03/29/19 05:30 PM	14351	245	1.59	ND	ND	ND	ND	ND	ND	ND	13.5	139
03/29/19 06:00 PM	14437	244	1.58	ND	ND	ND	ND	ND	ND	ND	11.6	141
03/29/19 06:30 PM	14590	240	1.57	ND	ND	ND	ND	ND	ND	ND	11.9	141
03/29/19 07:00 PM	14550	240	1.57	ND	ND	ND	ND	ND	ND	ND	11.7	144
03/29/19 07:30 PM	14676	236	1.57	ND	ND	ND	ND	ND	ND	ND	15.4	148
03/29/19 08:00 PM	14793	232	1.56	ND	ND	ND	ND	ND	ND	ND	14.3	149
03/29/19 08:30 PM	14838	229	1.55	ND	ND	ND	ND	ND	ND	ND	15.2	149
03/29/19 09:00 PM	14785	228	1.53	ND	ND	ND	ND	ND	ND	ND	14.5	150
03/29/19 09:30 PM	14741	225	1.53	ND	ND	ND	ND	ND	ND	ND	13.9	162
03/29/19 10:00 PM	14867	225	1.54	ND	ND	ND	ND	ND	ND	ND	13.5	158
03/29/19 10:30 PM	14891	221	1.53	ND	ND	ND	ND	ND	ND	ND	13.6	162
03/29/19 11:00 PM	14948	221	1.53	ND	ND	ND	ND	ND	ND	ND	13.5	158
03/29/19 11:30 PM	14962	221	1.53	ND	0.00369	ND	ND	ND	ND	ND	13.6	162
03/30/19 12:00 AM	15002	221	1.53	ND	ND	ND	ND	ND	ND	ND	13.6	162

Daily Processed Summary (Average, Maximum)												
Average	14472	234	1.56	BDL	0.00008	BDL	0.00012	BDL	BDL	BDL	13.0	149
Maximum Value	15298	252	1.62	BDL	0.00369	BDL	0.00577	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/30/19 12:30 AM	15042	220	1.53	ND	ND	ND	ND	ND	ND	ND	12.6	163
03/30/19 01:00 AM	15059	221	1.53	ND	ND	ND	ND	ND	ND	ND	13.8	161
03/30/19 01:30 AM	15023	221	1.52	ND	0.00170	ND	ND	ND	ND	ND	14.3	163
03/30/19 02:00 AM	15028	220	1.51	ND	ND	ND	ND	ND	ND	ND	13.1	165
03/30/19 02:30 AM	15009	221	1.50	ND	ND	ND	ND	ND	ND	ND	13.0	164
03/30/19 03:00 AM	15017	220	1.50	ND	ND	ND	ND	ND	ND	ND	13.4	174
03/30/19 03:30 AM	14962	216	1.49	ND	0.00196	ND	ND	ND	ND	ND	14.0	173
03/30/19 04:00 AM	14908	213	1.49	ND	ND	ND	ND	ND	ND	ND	13.3	171
03/30/19 04:30 AM	14962	211	1.48	ND	ND	ND	ND	ND	ND	ND	13.3	164
03/30/19 05:00 AM	14958	207	1.48	ND	ND	ND	ND	ND	ND	ND	13.8	171
03/30/19 05:30 AM	14619	199	1.42	ND	ND	ND	ND	ND	ND	ND	11.9	174
03/30/19 06:00 AM	14363	190	1.41	ND	ND	ND	ND	ND	ND	ND	13.6	174
03/30/19 06:30 AM	14319	185	1.39	ND	ND	ND	ND	ND	ND	ND	11.1	174
03/30/19 07:00 AM	14638	190	1.42	ND	ND	ND	ND	ND	ND	ND	9.6	162
03/30/19 07:30 AM	14679	192	1.42	ND	ND	ND	ND	ND	ND	ND	5.8	134
03/30/19 08:00 AM	14734	192	1.42	ND	ND	ND	ND	ND	ND	ND	6.3	166
03/30/19 08:30 AM	15213	205	1.45	ND	ND	ND	ND	ND	ND	ND	8.8	179
03/30/19 09:00 AM	15638	217	1.48	ND	ND	ND	ND	ND	ND	ND	10.7	177
03/30/19 09:30 AM	16101	228	1.52	ND	ND	ND	ND	ND	ND	ND	11.5	177
03/30/19 10:00 AM	16502	237	1.56	ND	ND	ND	ND	ND	ND	ND	11.3	180
03/30/19 10:30 AM	16433	241	1.57	ND	ND	ND	ND	ND	ND	ND	9.9	192
03/30/19 11:00 AM	16151	241	1.57	ND	ND	ND	ND	ND	ND	ND	10.0	184
03/30/19 11:30 AM	15971	245	1.58	ND	ND	ND	ND	ND	ND	ND	10.5	208
03/30/19 12:00 PM	15934	247	1.58	ND	ND	ND	ND	ND	ND	ND	10.2	211
03/30/19 12:30 PM	15596	246	1.57	ND	ND	ND	ND	ND	ND	ND	9.4	203
03/30/19 01:00 PM	15129	245	1.58	ND	ND	ND	ND	ND	ND	ND	7.8	198
03/30/19 01:30 PM	15168	241	1.57	ND	ND	ND	ND	ND	ND	ND	4.4	294
03/30/19 02:00 PM	15064	239	1.56	ND	ND	ND	0.00388	ND	ND	ND	2.3	293
03/30/19 02:30 PM	15415	233	1.60	ND	ND	ND	ND	ND	ND	ND	3.3	160
03/30/19 03:00 PM	16016	233	1.56	ND	ND	ND	ND	ND	ND	ND	5.7	78
03/30/19 03:30 PM	15585	234	1.56	ND	ND	ND	ND	ND	ND	ND	4.5	84
03/30/19 04:00 PM	14707	187	1.42	ND	ND	ND	ND	ND	ND	ND	5.4	102
03/30/19 04:30 PM	16033	229	1.55	ND	ND	ND	ND	ND	ND	ND	7.7	148
03/30/19 05:00 PM	12520	230	1.63	ND	ND	ND	ND	ND	ND	ND	19.8	179
03/30/19 05:30 PM	11435	222	1.64	ND	ND	ND	ND	ND	ND	ND	18.6	7
03/30/19 06:00 PM	11036	220	1.62	ND	ND	ND	ND	ND	ND	ND	17.0	10
03/30/19 06:30 PM	10389	224	1.63	ND	ND	ND	ND	ND	ND	ND	18.6	10
03/30/19 07:00 PM	9479	226	1.61	ND	0.00191	ND	ND	ND	ND	ND	18.1	12
03/30/19 07:30 PM	8634	228	1.63	ND	ND	ND	ND	ND	ND	ND	20.7	10
03/30/19 08:00 PM	8101	229	1.62	ND	ND	ND	ND	ND	ND	ND	18.6	12
03/30/19 08:30 PM	7855	229	1.61	ND	ND	ND	ND	ND	ND	ND	18.0	10
03/30/19 09:00 PM	7525	229	1.62	ND	ND	ND	ND	ND	ND	ND	17.2	65
03/30/19 09:30 PM	6922	229	1.62	ND	0.00168	ND	ND	ND	ND	ND	22.4	3
03/30/19 10:00 PM	6646	228	1.64	ND	ND	ND	ND	ND	ND	ND	20.5	4
03/30/19 10:30 PM	6306	227	1.62	ND	0.00117	ND	ND	ND	ND	ND	22.5	7
03/30/19 11:00 PM	6087	226	1.62	ND	ND	ND	ND	ND	ND	ND	23.6	9
03/30/19 11:30 PM	5971	225	1.61	ND	ND	ND	ND	ND	ND	ND	20.1	9
03/31/19 12:00 AM	5880	224	1.60	ND	ND	ND	ND	ND	ND	ND	20.1	10

Daily Processed Summary (Average, Maximum)

Average	13099	222	1.54	BDL	0.00018	BDL	0.00008	BDL	BDL	BDL	2.2	116
Maximum Value	16502	247	1.64	BDL	0.00196	BDL	0.00388	BDL	BDL	BDL		

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Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
03/31/19 12:30 AM	5617	223	1.60	ND	ND	ND	ND	ND	ND	ND	23.3	15
03/31/19 01:00 AM	5620	211	1.57	ND	ND	ND	ND	ND	ND	ND	23.2	20
03/31/19 01:30 AM	5900	217	1.57	ND	ND	ND	ND	ND	ND	ND	18.5	16
03/31/19 02:00 AM	5575	227	1.58	ND	0.00120	ND	ND	ND	ND	ND	23.2	15
03/31/19 02:30 AM	5431	229	1.58	ND	0.00155	ND	ND	ND	ND	ND	21.0	15
03/31/19 03:00 AM	5876	209	1.54	ND	ND	ND	ND	ND	ND	ND	21.8	66
03/31/19 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	16.5	23
03/31/19 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	21.6	20
03/31/19 04:30 AM	4873	LS	LS	ND	ND	ND	ND	ND	ND	ND	14.6	18
03/31/19 05:00 AM	5044	LS	LS	ND	ND	ND	ND	ND	ND	ND	13.4	17
03/31/19 05:30 AM	5670	169	1.41	ND	ND	ND	ND	ND	ND	ND	11.1	15
03/31/19 06:00 AM	5838	190	1.49	ND	ND	ND	ND	ND	ND	ND	13.2	242
03/31/19 06:30 AM	6182	222	1.59	ND	ND	ND	ND	ND	ND	ND	14.8	3
03/31/19 07:00 AM	6026	216	1.58	ND	ND	ND	ND	ND	ND	ND	15.1	18
03/31/19 07:30 AM	5629	197	1.52	ND	ND	ND	ND	ND	ND	ND	16.8	18
03/31/19 08:00 AM	5837	225	1.60	ND	ND	ND	ND	ND	ND	ND	14.0	18
03/31/19 08:30 AM	6122	240	1.65	ND	0.00119	ND	ND	ND	ND	ND	12.3	14
03/31/19 09:00 AM	6063	243	1.66	ND	0.00080	ND	ND	ND	ND	ND	14.0	23
03/31/19 09:30 AM	6113	247	1.66	ND	ND	ND	ND	ND	ND	ND	13.6	7
03/31/19 10:00 AM	5725	251	1.67	ND	ND	ND	ND	ND	ND	ND	17.1	7
03/31/19 10:30 AM	5656	253	1.66	ND	ND	ND	ND	ND	ND	ND	17.1	12
03/31/19 11:00 AM	5748	252	1.66	ND	ND	ND	ND	ND	ND	ND	16.6	15
03/31/19 11:30 AM	5880	252	1.67	ND	ND	ND	ND	ND	ND	ND	15.9	13
03/31/19 12:00 PM	5959	254	1.67	ND	ND	ND	ND	ND	ND	ND	13.8	10
03/31/19 12:30 PM	6208	250	1.66	ND	ND	ND	ND	ND	ND	ND	10.5	5
03/31/19 01:00 PM	6378	250	1.66	ND	ND	ND	ND	ND	ND	ND	9.9	11
03/31/19 01:30 PM	6433	250	1.67	ND	ND	ND	ND	ND	0.00223	ND	11.1	8
03/31/19 02:00 PM	6629	250	1.67	ND	ND	ND	ND	ND	ND	ND	8.2	295
03/31/19 02:30 PM	6530	251	1.67	ND	ND	ND	ND	ND	ND	ND	6.6	238
03/31/19 03:00 PM	6632	255	1.68	ND	0.00087	ND	ND	ND	ND	ND	5.1	73
03/31/19 03:30 PM	6570	256	1.68	ND	0.00109	ND	ND	ND	ND	ND	7.3	179
03/31/19 04:00 PM	6439	257	1.68	ND	0.00323	ND	ND	ND	ND	ND	7.2	296
03/31/19 04:30 PM	6493	258	1.68	ND	ND	ND	ND	ND	ND	ND	8.3	349
03/31/19 05:00 PM	6446	260	1.68	ND	0.00089	ND	0.00314	ND	ND	ND	7.4	354
03/31/19 05:30 PM	6222	261	1.69	ND	ND	ND	ND	ND	ND	ND	9.2	237
03/31/19 06:00 PM	6204	260	1.69	ND	0.00064	ND	ND	ND	ND	ND	9.2	352
03/31/19 06:30 PM	6362	259	1.69	ND	ND	ND	ND	ND	ND	ND	8.7	63
03/31/19 07:00 PM	6279	259	1.70	ND	ND	ND	ND	ND	0.00226	ND	9.8	241
03/31/19 07:30 PM	6080	259	1.70	ND	ND	ND	ND	ND	ND	ND	9.9	13
03/31/19 08:00 PM	6124	258	1.71	ND	ND	ND	ND	ND	ND	ND	8.1	20
03/31/19 08:30 PM	6270	256	1.73	ND	ND	ND	ND	ND	ND	ND	5.6	39
03/31/19 09:00 PM	6268	254	1.70	ND	ND	ND	ND	ND	ND	ND	4.3	50
03/31/19 09:30 PM	6381	253	1.85	ND	ND	ND	ND	ND	ND	ND	3.7	28
03/31/19 10:00 PM	6321	251	2.15	ND	ND	ND	ND	ND	ND	ND	3.8	35
03/31/19 10:30 PM	6203	251	1.84	ND	ND	ND	0.00237	ND	ND	ND	3.7	35
03/31/19 11:00 PM	6192	251	1.84	ND	ND	ND	ND	ND	ND	ND	3.4	35
03/31/19 12:00 AM	6107	251	2.75	ND	ND	ND	ND	ND	ND	ND	3.7	25
Daily Processed Summary (Average, Maximum)												
Average	6048	242	1.69	BDL	0.00024	BDL	0.00012	BDL	0.00010	BDL	9.7	13
Maximum Value	6632	261	2.75	BDL	0.00323	BDL	0.00314	BDL	0.00226	BDL		

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